

EDSAT CENTER  
Space Science and Engineering Center  
The University of Wisconsin  
Madison, Wisconsin

Volume III

TELECONFERENCING  
AN ANNOTATED BIBLIOGRAPHY

Compiled

by

Katherine Shervis

Abstracted

by

Larry Chambers  
William Horne

Floyd Keene  
Craig Mills

Computer Programming

by

Richard Wolfe and Roger Voytecki

Final Report  
Teleconferencing Systems  
PR-1282

The research in this document has been supported by the  
National Aeronautics and Space Administration

October 1971

(NASA-CR-133590) TELECONFERENCING, AN  
ANNOTATED BIBLIOGRAPHY, VOLUME 3 Final  
Report (Stanford Univ.) 297 p HC \$17.00  
CSCL 17B N74-10137  
G3/07 Unclas  
11393

## INTRODUCTION TO THE BIBLIOGRAPHY

In this annotated and indexed listing of works on teleconferencing, emphasis has been placed upon teleconferencing as real-time, two-way audio communication with or without visual aids. However, works on the use of television in two-way or multiway nets, data transmission, regional communications networks and on telecommunications in general are also included.

The teleconferencing technique has proven the reverse of the adage that demand creates supply. The potential for education via two-way radio, TV and telephone hookup existed long before the demand for such educational techniques. As these educational media are tested and refined, more applications for their use are found. An ever-increasing demand for their use is being created, because they have proven to be a viable extension and variance of the traditional teacher-learner situation.

The use of two-way radio and telephone hookups is increasing in education, in the medical and other professions, and in various fields of government and business. (See entry 0585.) This is due to the continually increasing demands for further and more innovative education and training coupled with the increasing inability to achieve education within the traditional time-space limitations of institutional learning.

On campuses and in other educational settings, telelectures can be used as an extension of the lecture-discussion method of instruction to off-campus students. (4114, 4972, 4973)

Some works included in this bibliography describe many ways in which the telelecture technique may be utilized as an innovative educational medium, such as item 0592 which illustrates telelecture's usefulness for multimedia experimentation. Item 4010 describes an inexpensive course enrichment program whereby U.S. State Department members are brought to the classroom via telelecture equipment to join with high school students and community members to form a seminar on foreign relations and current events. Such confrontations between students and distant communicants are carried one step further to the international sphere by Project EAR (Educational Amateur Radio) (4016) in which Harrison, New York, elementary school children exchange ideas and information with students of a rural school in Uyumbicho, Ecuador. This educational tool offers to the pupil immediate verification of information read and discussed in class, instantaneous comparisons with a known environment, dramatization of concepts, and extemporaneous communication. It also provides a motivational force toward learning. The first actual use of a telelecture setup via communications satellite was held between Wisconsin secondary school French language students and Parisian secondary school English language students to demonstrate an international, cross-cultural, bilingual learning experience for the participating students. The learning possible in this situation is much greater than when lectures are merely piped into or out of the classroom.

The medical professions are also in the vanguard of those utilizing teleconferencing. Teleconferencing is an integral part of many regional medical communications programs. (0588, 4047, 4048, 4131, 4135)

Teleconferencing provides a means for continuing medical (0554, 4132, 4051) and paramedical education (4133, 4142, 4119, 4137) and provokes a sense of the need for further information among postgraduate, widely dispersed professionals.

Two-way radio communication has been used for medical assistance and rescue at sea (4121) and, experimentally, for exchange of diagnostic information and advice. (4139, 4922)

Businesses are using teleconferencing as a means of reducing travel costs and of increasing the frequency and extent of contact. Teleconferencing offers instantaneous, inexpensive, simple contact between the home office and an extensive number of field offices or between collaborating companies. (0420) Teleconferencing can facilitate training programs without removing the employee from his daily working and living routines for more than a few hours per week.

## GUIDE TO THE USE OF THE BIBLIOGRAPHY

The bibliography is made up of three parts: a Record Identification Index, an Author Index, and a Permuted Index.

The Record Identification Index, noted on the print-out as the RECID INDEX, is a list of abstracted references to books, parts of books, journal articles, conference papers, news items and unpublished papers. The items on the list appear in order of accession, with the accession number--the record identification number--printed out at the left and the right of each citation. Each entry is made up of five parts: author, title, source, key words and abstract.

The Author Index relists the record alphabetically by author's surname or by the corporate body of authorship. News items with no stated authorship and having no author listing do not appear in the Author Index.

The Permuted Index serves as a subject index. It is a KWOC (Key Word Out of Context) index which is generated by the computer permutation of the significant words within the titles and of supplementary key words. The key words are important subject words which do not appear in the title but which describe the content of the material cited. A KWOC index is based on the same principles as a KWIC (Key Word in Context) index, but is printed out in a more readable format. While a KWIC index prints out only one line of the title, focusing upon the word being permuted within the context of the phrase, the KWOC index prints out the word to the left, repeating the entire title, the key words and the record identification number to the right. Each word of the title and each key word then serves as a subject heading.

The full reference with key words and abstract in the examples below appears in the Recid Index in its numeric position between 0427 and 0429; it appears without the key words and abstract in the Author Index under BOSWELL, JOHN J., MOCKER, DONALD W. and HAMLIN, WILLIAM C.; and finally its title, key words and record identification number appear under the subject headings formed by the title words EXPERIMENT; REMOTE, TEACHING and TELELECTURE, and under the subject headings formed by the key words SAINT-LOUIS, MISSOURI-UNIV, ADULT-ED, EXTENSION, CREDIT-COURSES, PSYCHOLOGY, EVALUATION-PRE-AND-POST-TESTING and EVALUATION-CONTROL-GROUP. The title does not appear under the headings because these and other trivial words such as articles, prepositions, adverbs and some verbs are programmed to be rejected by the computer for permutation. In consulting the Permuted Index, the user will find only the title, the key words and the record identification number, and with the help of this number, must refer back to the Recid Index for full identification of the citation.



REC'D INDEX	
0428	BOSWELL, JOHN J. * MOCKER, DONALD W. * HAMLIN, WILLIAM C.
author	TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING
title	ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968
source	// SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION
key words	CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP
abstract	IN A RESEARCH PROGRAM INITIATED RECENTLY BY THE UNIVERSITY OF MISSOURI
abstractor's initials	AT ST. LOUIS, TELELECTURES WERE FOUND TO BE AN EFFECTIVE AND ECONOMIC AID TO OFF-CAMPUS ADULT EDUCATION. TELELECTURES PROVIDE....FK
	0428

record identification number

AUTHOR INDEX	
BOSWELL, JOHN J. *** MOCKER, DONALD W. * HAMLIN, WILLIAM C.	0428
TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING	
ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968	

PERMUTED INDEX				
title words	REMOTE	*** AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL	4061	
		*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS	4126	
		*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING	0428	
TEACHING	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING		4009	
	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING		0428	
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM		4020	
	*** GRADUATE TEACHING BY TELEPHONE AND RADIO		0605	
key words	ADULT-ED	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-CONTROL-GROUP	0428	
		*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TESTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467	
		*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014	
	EVALUATION-CONTROL-GROUP	*** A STUDY OF TEACHING EXTENSION CLASSES BY TELELECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716	
		*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021	
		*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428	
		*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126	
		*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507	
		*** FEASIBILITY OF INCORPORATION TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504	
		*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST TESTING	0421	

The citations themselves are divided into three parts: author, title and source.

The author statement is simply the identification of the individual, individuals or corporate bodies responsible for the work's intellectual content. The authors can be listed in such a way that the computer program will list the citation in the Author Index under more than one author. We have made use of this capacity to enrich the Author Index with second authors or identifying phrases. While H. D. Perraton, D. A. Wade and J. W. Fox are the authors of citation 4930, they worked within the context of a research unit and might also be identified by the entry, National Extension College. Inter-University Research Unit. By listing citation 4930 under each of these four author entries, coverage is expanded and the connection between this work and other works by the Inter-University Research Unit is drawn.

AUTHOR INDEX	
FOX, J.W. *** PERRATON, H.D. * WADE, D.A. * NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT	
NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT *** PERRATON, H.D. * WADE, D.A. * FOX, J.W.	
PERRATON, H.D. *** WADE, D.A. * FOX, J.W. * NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT	
WADE, D.A. *** PERRATON, H.D. * FOX, J.W. * NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT	

The titles are altered in several ways because of computer systems limitations. Commas and periods are substituted where colons, semicolons and question marks occurred in the originals. Hyphens are used as a device to link two or more words so that they will be treated as a one-word unit for permutation by the computer. This is done simply to limit the occurrence of less meaningful subject headings. The phrases HEAD-START, LOS-Angeles and TWO-WAY are adequately represented by their appearance under the linked headings and the headings START, ANGELES and WAY need not occur without their antecedents.

The sources vary from the simple imprint, containing the information of place, publisher and date, such as in citation 4930, CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969, to more complex imprints, containing statements contrived to explain the availability of the work as best we can. Journal articles fall somewhere in between. The style used for these sources shows the title, volume, paging and date.

RECID INDEX		
4018	SCHATZ, SHARON	4018
	FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY	
	WASHINGTON, LIBRARY OF CONGRESS. INFORMATION SYSTEMS OFFICE,	
	1967. 26P. ERIC ED 016 492	

JOURNAL CITATION		
4062	EDUCATIONAL TECHNOLOGY 7,23, P9-10, DEC 15, 1967	4062
	<div> <div>journal title</div> <div>volume and issue</div> <div>paging</div> <div>date</div> </div>	

Some of the citations are analytics, with each chapter listed separately. The source shows the paging for the chapter or article, and the full citation of the book in which it appears.

ANALYTIC CITATION		
4963	PAGES 7-8 IN ORLICH, DONALD C. AND CHARLES O. HILEN (EDITORS)	4963
paging	TELECOMMUNICATIONS FOR LEARNING. EVERETT, WASHINGTON, GENERAL	
author	TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE UNIVERSITY,	
title	1969	
	imprint	

ABBREVIATION LIST			VERB	Victor Electrowriter Remote Blackboard	
ACE	Association for Continuing Education	IBM	International Business Machines	WASB	Wisconsin Association of School Boards
AT+T	American Telephone and Telegraph	IRMP	Intermountain Regional Medical Program	WATS	Wide area telephone service
CAI	Computer assisted instruction	ITFS	Instructional television fixed service		
CATE	Center for the Creative Application of Technology to Education (Texas A+M University)	JCET	Joint Council on Educational Telecommunications		
CATV	Cable television	LDX	Long distance xerography		
CCCIC	Carbon County Coordinated Instructional Center (Wyoming)	MEDIC	Medical Education's Dedicated Instructional Channel		
CCTV	Closed circuit television	NASA	U.S. National Aeronautics and Space Administration		
CIC	Committee on Instructional Cooperation	NATO	North Atlantic Treaty Organization		
CIRM	International Radio Medical Center (Rome, Italy)	NEA	National Education Association (U.S.)		
CMT	Council on Medical Television	New-York-RMP	New York Regional Medical Program		
CPB	Corporation of Public Broadcasting	OMEN	Ohio Medical Education Network		
DAVI	Department of Audiovisual Instruction (National Education Association)	PEC	Program Evaluation Checklist (Evaluation tool used by University of Wisconsin Extension)		
EEG	Electroencephalogram	SCA	Subsidiary Communications Authorization		
EEN	Eastern Educational Television Network	SUC	State University College (New York)		
EKG	Electrocardiogram	TDAL	Telephone Dial Access Library (The University of Wisconsin)		
ERP	Effective radiated power	Title I	Title I of the Elementary and Secondary Education Act		
ESEA	Elementary and Secondary Education Act (U.S.)	Title III	Title III of the Elementary and Secondary Education Act		
ETN	Educational Telephone Network (Wisconsin)	UCLA	University of California at Los Angeles		
ETV	Educational television	UNIVEX	Communications loop used by University of Illinois Division of University Extension		
FCC	U.S. Federal Communications Commission				
GE	General Electric				
GT+E	General Telephone and Electronics				

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 1

REC'D INDEX

0419C

\*\*\* AMERICAN TELEPHONE AND TELEGRAPH

0419C

SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS

AMERICAN TELEPHONE AND TELEGRAPH. BROCHURE. N.P., N.D.

// COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER

THE AT+T HANDBOOK PRESENTS SUGGESTIONS TO SPEAKERS, COORDINATORS AND MODERATORS OF TELE-LECTURES. CONTAINING MANY LISTS OF HELPFUL HINTS, THE HANDBOOK ADVISES LECTURERS IN THE AREAS OF 1) ENHANCING THE PRIOR KNOWLEDGE OF BOTH SPEAKER AND AUDIENCE 2) IMPROVING PRESENTATION SKILLS SUCH AS VOCAL CHARACTERISTICS AND TIMING 3) USING VISUAL AIDS 4) USING A TELEWRITER AND 5) PLANNING WHAT SHOULD OCCUR IMMEDIATELY PRIOR TO A SESSION. SUGGESTIONS TO CONFERENCE COORDINATORS ARE MADE IN THE AREAS OF 1) ROOM ARRANGEMENT, SEATING AND EQUIPMENT 2) PLACING THE CALL AND 3) INTRODUCING THE SESSION. A LIST OF HELPFUL HINTS FOR TELE-LECTURE MODERATORS IS ALSO INCLUDED. FK

0420C

\*\*\* WETMORE, WARREN C.

0420C

BOEING NETWORK CUTS APOLLO WORK COSTS

AVIATION WEEK AND SPACE TECHNOLOGY 90,6, 243-6, FEB 10, 1969

// INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES  
LEGAL-ASPECTS LEASED-LINES

THIS ARTICLE DESCRIBES HOW THE BOEING CO. USES TELECONFERENCING FOR MEETINGS BETWEEN EMPLOYEES CONNECTED WITH THE COMPANY'S APOLLO TIE CONTRACT. SOME SPECIFICS OF THE RELEVANT TECHNOLOGY ARE GIVEN. LINKING TOGETHER AS MANY AS 250 EMPLOYEES, BOEING'S BLUE NET LEASED LINES ARE USED FOR AUDIO PURPOSES, AND A XEROX LDX TELEPHOTOGRAPHY SYSTEM IS USED FOR VISUAL EFFECTS. CLOSED CIRCUIT TELEVISION WAS CONSIDERED, BUT THE LDX SYSTEM IS MUCH LESS EXPENSIVE. THE LDX TERMINALS ARE CONNECTED BY THE BELL SYSTEM'S TELEPAK, A WIDE-BAND LEASED CIRCUIT WHICH FEDERAL LEGISLATION REQUIRED BOEING TO RENT ON A FULL-TIME BASIS, EVEN THOUGH IT IS NOT USED AT ALL TIMES. ALSO UTILIZED ARE THERMOFAX MACHINES AND REAR SCREEN PROJECTORS. MEETINGS ARE HELD AT TELECONFERENCING THEATRES IN BOEING COMPLEXES THROUGHOUT THE COUNTRY. BOTH ROUTINE AND AD HOC CONFERENCES OF VARYING SIZES ARE HELD, AND, AT TIMES, JOINT NASA-BOEING MEETINGS ARE CONVENED. GROUP DISCUSSIONS GENERALLY FOLLOW A PRESENTATION, AND REGIONAL CHAIRMEN CAN SWITCH SPECIFIC STATIONS 'IN' OR 'OUT' OF AN ON-GOING MEETING. THE ARTICLE CONCLUDES WITH A LIST OF POTENTIAL IMPROVEMENTS. FK

0421C

\*\*\* BLACKWOOD, HELEN \* TRENT, CURTIS

0421C

A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS

MANHATTEN, KANSAS STATE UNIVERSITY. UNIVERSITY EXTENSION SERVICE, 1968. 16P. (EXTENSION STUDY 4). ERIC ED 028 324

// EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING

RESEARCH STUDIED THE EFFECTIVENESS OF CLASS LECTURE AS COMPARED TO TELELECTURE, AND THE ASSOCIATION BETWEEN AMOUNT LEARNED AND THE PERSONAL AND SITUATIONAL FACTORS OF AGE, LEVEL OF EDUCATION, TIME OF DAY, AND ATTITUDE. PRETESTS AND POSTTESTS COLLECTED LEVEL OF KNOWLEDGE AND PERSONAL INFORMATION FROM 71 WOMEN DURING A SHORT COURSE ON MONEY MANAGEMENT GIVEN BY UNIVERSITY EXTENSION SPECIALISTS IN KEND COUNTY. THE SAMPLE WAS RANDOMLY DIVIDED INTO AN EXPERIMENTAL AND CONTROL GROUP. IT WAS FOUND THAT NO SIGNIFICANT DIFFERENCE IN AMOUNT OF LEARNING EXISTED. SEVERAL TENDENCIES, NOT STATISTICALLY SIGNIFICANT, WERE REVEALED, AGE WAS NEGATIVELY ASSOCIATED WITH AMOUNT LEARNED, LEVEL OF EDUCATION WAS POSITIVELY ASSOCIATED WITH PRE AND POSTTEST SCORES, SCORES WERE HIGHER IN THE AFTERNOON THAN MORNING, ALTHOUGH ATTITUDES WERE HIGHER IN THE MORNING. IT WAS CONCLUDED THAT EITHER TEACHING TECHNIQUE COULD BE USED RESULTING IN SIMILAR AMOUNTS OF LEARNING. IMPLICATIONS FOR EXTENSION WORKERS AND USE OF REMOTE TEACHING TECHNIQUES ARE INCLUDED. ERIC

0422C

\*\*\* SINAIKO, H. WALLACE

0422C

PRELIMINARY EXPERIMENTS IN TELECONFERENCING

PAGES 160-2 IN THE PROCEEDINGS OF THE NATIONAL SYMPOSIUM ON HUMAN FACTORS IN ELECTRONICS, STH, SAN DIEGO, CALIF., MAY 5-6, 1964. NORTH HOLLYWOOD, CALIF., WESTERN PERIODICALS CO., 1964. SEE 0478-84

// DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE

EXPERIMENTAL STUDY OF THE USE OF TELECONFERENCING AS AN EFFICIENT MEANS OF GROUP COMMUNICATION. TELECONFERENCING REFERS TO THE CONDUCT OF CONFERENCES WHEN THERE ARE THREE OR MORE CONFEREES, CONFEREES ARE REMOTE FROM ONE ANOTHER AND NOT ALL PARTICIPANTS SPEAK THE SAME LANGUAGE. THE INSTITUTE FOR DEFENSE ANALYSES PERFORMED A STUDY TO LEARN WHETHER INTERIM PROCEDURES COULD BE SPECIFIED TO ENABLE TELECONFERENCES TO BE CONDUCTED EFFICIENTLY IN THE NEAR FUTURE AND WHAT ADDITIONAL RESEARCH WAS NEEDED TO FILL GAPS IN CURRENT KNOWLEDGE RELEVANT TO TELECONFERENCING. A LABORATORY FOR CONDUCTING EXPERIMENTS IN TELECONFERENCE PROCEDURES WAS ESTABLISHED, AND FIVE SERIES OF EXPERIMENTS RUN. THE LABORATORY WORK INCLUDED TELETYPE, TELEPHONE, AND TELEVISION COMMUNICATIONS MEDIA AND WAS DONE TO PROVIDE FLEXIBLE MEANS FOR VARYING NETWORK STRUCTURES, CHAIRMANSHIP ROLES, LANGUAGE SERVICES, AND CONFERENCE TASKS. IT WAS FOUND THAT, FOR NEGOTIATION OR BARGAINING AMONG REMOTE CONFEREES, THE MOST IMPERSONAL MEDIA WERE PREFERRED. AIAA. SEE 0478-84

0424C

\*\*\* ATHERTON, LAWRENCE L.

0424C

CLASSROOM PARTY-LINE

OHIO SCHOOLS 42, P25+, DEC 1964

// OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST

YELLOW SPRINGS HIGH SCHOOL, OHIO, HAS INITIATED IN COOPERATION WITH OHIO BELL A TELELECTURE SYSTEM USING AMPLIFIED SPEAKER PHONES TO BRING SPECIALIZED INFORMATION INTO THE CLASSROOM. TELELECTURES WERE USED IN THE HIGH SCHOOL'S AMERICAN GOVERNMENT COURSE IN CONJUNCTION WITH A DISCUSSION OF OHIO'S COMPLEX WELFARE SYSTEM. IT WAS FELT THAT REPRESENTATIVES FROM FEDERAL, STATE AND PRIVATE PROGRAMS COULD BEST EXPLAIN THEIR RESPECTIVE PROGRAMS AND THAT USING THE TELELECTURE TECHNIQUE WOULD ALLEVIATE TRAVEL COSTS AND INCONVENIENCE. INSTALLATION COST WAS APPROXIMATELY 30 DOLLARS TO RUN EXTENSION LINES FROM EXISTING PHONES TO CLASSROOMS. PORTABLE PHONE AND SPEAKER ATTACHMENT RENTAL WAS SEVEN DOLLARS PER MONTH. CM

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 2

REC'D INDEX

0427

\*\*\*

0427

BLOCK-ISLAND (A PACE PROJECT)

AMERICAN EDUCATION 2,10, P9, NOV 1966

0428C

\*\*\* BOSWELL, JOHN J. \* MOCKER, DONALD W. \* HAMLIN, WILLIAM C.

0428C

TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING

ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968

// SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY  
EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP

IN A RESEARCH PROGRAM INITIATED RECENTLY BY THE UNIVERSITY OF MISSOURI AT ST. LOUIS, TELELECTURES WERE FOUND TO BE AN EFFECTIVE AND ECONOMIC AID TO OFF-CAMPUS ADULT EDUCATION. TELELECTURES PROVIDE TEACHER-STUDENT CONTACT WITHOUT DRAINING THE RESOURCE OF TRAINED TEACHERS. THE INITIAL ST. LOUIS EXPERIMENT PRESENTED THE SAME INTRODUCTORY PSYCHOLOGY COURSE TO THREE DIFFERENT GROUPS. \*ONE GROUP WAS A CONTROL GROUP (N-64) WHICH RECEIVED A TRADITIONAL LECTURE ON THE HOME CAMPUS. THE SECOND GROUP (N-63) ALSO ON THE HOME CAMPUS, RECEIVED A LIVE LECTURE WHICH WAS SIMULTANEOUSLY TRANSMITTED TO THE THIRD GROUP (N-22) LOCATED IN A REMOTE CLASSROOM.\* RELEVANT VARIABLES WERE VERY CLOSELY REGULATED, AND SCORES BEFORE AND AFTER THE COURSE INDICATED ALMOST NO DIFFERENCE IN LEARNING AMONG THE THREE GROUPS. THE UNIVERSITY OFFERED 9 CREDIT COURSES IN 1966-67 VIA OFF-CAMPUS TELELECTURE. ONE PROBLEM IN THESE COURSES WAS THAT THE AUDIO SYSTEM TECHNICALLY COULD NOT HANDLE ADEQUATELY A FREE EXCHANGE OF IDEAS BETWEEN A PROFESSOR AND HIS STUDENTS. A SECOND PROBLEM WAS THAT PROFESSORS ASSUMED TOO MUCH PRIOR KNOWLEDGE BECAUSE OF A LACK OF PERCEIVABLE FEEDBACK. HOWEVER, THIS PROBLEM DID NOT ARISE IN A SUCCESSFUL SERIES OF TELELECTURES WHICH DID NOT HAVE ON-THE-SPOT AUDIENCES. FK

0429A

\*\*\*

0429A

BUSINESS GETS EYE-TO-EYE BY PHONE

BUSINESS WEEK, P30-1, AUGUST 14, 1965

// PICTUREPHONE AT-T UNION-CARBIDE

UNION CARBIDE IS COOPERATING WITH AMERICAN TELEPHONE AND TELEGRAPH COMPANY IN THE FIRST BROAD BUSINESS TEST OF PICTURE-PHONES. PICTURE-PHONES CUT DOWN ON INTEROFFICE VISITS WITHOUT DEPRIVING PEOPLE OF THE SENSE OF HAVING VISITED. AT+T IS CONSIDERING WIDE-ANGLE LENSES FOR CONFERENCES, MAGNIFYING LENSES FOR BETTER DISPLAY OF OBJECTS AND CHANGES IN THE PICTURE-PHONE ITSELF. YA

0430C

\*\*\* CHRISTIANA, CIEL

0430C

LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM



NEW YORK STATE EDUCATION 51,2, P16-7, NOV 1963

// NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE  
TELSTAR-II COST FORD-FOUNDATION

IN JULY OF 1963, DR. MOSES HADAS DELIVERED THE FIRST OF 18 LECTURES TO 500 STUDENTS FROM FOUR DIFFERENT SOUTHERN NEGRO COLLEGES ON GREEK DRAMA. EDUCATORS WERE ATTEMPTING TO ANSWER THE QUESTION OF HOW TO GIVE STUDENTS THE BEST EDUCATION WITH LIMITED FUNDS. THIS INTERSCHOOL LINK WAS ACCOMPLISHED THROUGH THE USE OF TELEPHONES AND AMPLIFIED SPEAKERS AT BOTH ENDS. THE TWO-WAY AMPLIFIED PHONE CONVERSATION CONSISTED OF BOTH DR. HADAS' LECTURE AND A QUESTION AND ANSWER PERIOD. ALTHOUGH THIS SYSTEM WILL NORMALLY OPERATE ON REGULAR TELEPHONE LINES, 15 MINUTES OF THIS FIRST LECTURE WERE SENT VIA TELSTAR II TO ILLUSTRATE SATELLITE CAPABILITY. CM

0432C

\*\*\* CURNOW, B. KATHLEEN C.

0432C

TELE-CLASSES IN LOS-ANGELES SCHOOLS

CALIFORNIA EDUCATION 3,5, P3-7, JAN 1966

// CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDOARY-ED  
MAILED-MATERIALS PACIFIC-TELEPHONE-CO

TELE-CLASSES FOR HOMEBOUND OR HOSPITALIZED STUDENTS IN GRADES 4-12 HAVE BEEN UTILIZED IN LOS ANGELES SCHOOLS SINCE 1962. DURING THE 1964-65 SCHOOL YEAR, 338 PUPILS WITH VARIOUS PHYSICAL DISABILITIES WERE ENROLLED. THE SYSTEM, SET UP IN COOPERATION WITH THE PACIFIC TELEPHONE CO., INCLUDES A HEADPHONE FOR THE INDIVIDUAL STUDENTS AND COMMUNICATIONS CENTERS FOR THE TEACHERS. THE TEACHER'S EQUIPMENT ALLOWS SINGLE OR GROUP INTERACTION ON SEPARATE LINES. PUPILS CAN BE CONTACTED INDIVIDUALLY OR COLLECTIVELY, AND THEIR RESPONSES MAY OR MAY NOT BE HEARD BY THOSE OTHER THAN THE TEACHERS. SUPPLEMENTARY BOOKS, WORKSHEETS, MAPS, ETC., ARE SENT BY MAIL, AND TEACHERS VISIT STUDENTS AS NECESSARY TO MAINTAIN PERSONAL CONTACT AND ADMINISTER EXAMS. OBVIOUS ADVANTAGES INCLUDE CONVENIENCE FOR THE TEACHERS, LOWER COST (WHEN STUDENT IS HOMEBOUND FOR 2 MONTHS OR MORE) AND OF COURSE, THE OPPORTUNITY FOR THE DISABLED CHILD TO MAINTAIN CONTACTS WITH SCHOOL AND FRIENDS. CM

0433

\*\*\* DAVIS, H.S.

0433

NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P28+, MAY 1966

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 3

REC'D INDEX

0434C

\*\*\*

0434C

DEW-LINE FOR DRUGS

NEWSWEEK, P55, JAN 15, 1962

// MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE  
PHARMACEUTICALS

MEDIPHONE, HEADQUARTERED IN WASHINGTON, D.C., IS A TELEPHONE DIAL ACCESS SERVICE FOR LICENSED PHYSICIANS, DESIGNED TO PROVIDE THEM WITH UP-TO-DATE INFORMATION ON THE LATEST DEVELOPMENTS IN DRUGS. THE RESPONSE INCLUDES THE NAMES OF DRUGS, DOSAGES, SIDE EFFECTS AND WHAT TO DO ABOUT THEM. THE AUTOMATED LIST OF INFORMATION WAS GATHERED BY RESEARCHERS AND TOOK A FULL YEAR TO COMPILE. DATA WAS COLLECTED FROM PHARMACOLOGICAL TEXTBOOKS, JOURNALS, DRUG MANUFACTURERS' BROCHURES AND ARTICLES DATING BACK TO 1946. THE FILE WILL BE KEPT UP-TO-DATE BY THE PHARMACOLOGY DEPARTMENT OF GEORGE WASHINGTON UNIVERSITY. MEDIPHONE, AS A PRIVATE ENTERPRISE, WILL CHARGE SUBSCRIBERS 20 DOLLARS A YEAR AND 3 DOLLARS FOR EACH CALL. MOST OF THIS INCOME WILL HELP TO PAY THE SALARIES OF THE PART-TIME ANSWERING PANELISTS. CM

0435C

\*\*\*

0435C

DIAL F FOR FUTURE

SCIENCE NEWS LETTER 88,9, P134, AUGUST 28, 1965

// TELEPHONE-EQUIPMENT

THIS NEWS ITEM OFFERS A SPECULATIVE REVIEW OF POPULAR USES OF PRESENT AND NEW TELEPHONE EQUIPMENT. PUSH BUTTON PHONES, PICTUREPHONES, LOUDSPEAKER ATTACHMENTS, AUTOMATIC DIALING, REMOTE ANSWERING DEVICES, MOBILE PHONES, ADVANCED ELECTRONIC SWITCHING, WRIST PHONES AND LASER BEAMS ARE SOME OF THE TECHNOLOGICAL ADVANCES WHICH MAKE NEW SERVICES POSSIBLE. SOME NEW SERVICES INCLUDE ABBREVIATED DIALING, DIAL CONFERENCES, VIABLE CALL TRANSFERS, CALL WAITINGS, INTERNATIONAL AND OTHER LONG DISTANCE CONFERENCES, DATA TRANSMISSION AND REMOTE CONTROL OPERATIONS. CM

0437C

\*\*\*

0437C

FACSIMILE BY PHONE OFFERED BY XEROX

BUSINESS WEEK, P76, MAY 7, 1966

// TELECOPIER MAGNAVOX-CO COST

THIS SHORT NEWS ITEM INTRODUCES A '...NON-XEROGRAPHIC MACHINE THAT SENDS AND RECEIVES FACSIMILES OVER ANY LONG-DISTANCE, VOICE QUALITY TELEPHONE LINE. DEVELOPED BY MAGNAVOX CO. AND CALLED A TELECOPIER, IT ALLOWS USERS TO DIAL ANYONE WITH A SIMILAR DEVICE AND TRANSMIT BY SIMPLY PLACING THE PHONE HANDSET ON THE MACHINE'S CRADLE.' THE TELECOPIER, TO BE MARKETING AND SERVICED BY THE XEROX CORPORATION, WILL BE LEASED FOR 35 DOLLARS A MONTH PLUS A METER CHARGE OF 2.5 CENTS PER MINUTE. CM

0442C

\*\*\*

0442C

## INNOVATIONS BOLSTER IN-SERVICE PROGRAMS

WISCONSIN JOURNAL OF EDUCATION 100,3, P18-9, NOV 1967

// ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT  
TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III

UNDER THE DIRECTION OF E. J. SCHARRSCHMIDT, THE WISCONSIN STATE UNIVERSITY-STEVENS POINT IS THE HEADQUARTERS FOR A TELELECTURE PILOT PROGRAM AND A PARAPROFESSIONAL PILOT PROGRAM FOR CENTRAL WISCONSIN CITIES, INCLUDING ANTIGO, MERRILL, ROTHSCHILD-SCHOFIELD AND WAUSAU. MADE POSSIBLE THROUGH TITLE III OF THE ELEMENTARY AND SECONDARY EDUCATION ACT, THESE TWO IN-SERVICE PROGRAMS ARE FINANCED BY FEDERAL FUNDS. THE TELELECTURE PROGRAM INVOLVES A SERIES OF INTERCONNECTED 'HOT LINES' THROUGH WHICH PERSONS IN VARIOUS LOCATIONS CAN CONVERSE. THE PROGRAM'S NAME WAS CHANGED FROM TELELECTURE TO TELEWRITER AFTER AN ELECTROWRITER WAS INCORPORATED INTO THE SYSTEM AS A VISUAL AID. LECTURES AND CONFERENCES TAKE PLACE ACCORDING TO A PRE-ARRANGED SCHEDULE. IN THE USUAL FORMAT, TEACHERS RECEIVE A LECTURE BY A STEVENS POINT PROFESSOR WHO DOES NOT HAVE TO BE CONCERNED ABOUT TRAVELING IN ORDER TO REACH HIS STUDENTS. GROUP SIZE RANGES FROM 2 TO 14 PARTICIPANTS AT EACH RECEIVING STATION. EVALUATION SHEETS ARE FILLED OUT BY THOSE TEACHERS IN ATTENDANCE FOLLOWING EVERY SESSION. A PARAPROFESSIONAL (TEACHER AID) PROGRAM IS ALSO BEING CONSIDERED BY THE SAME CITIES WHICH ARE INVOLVED WITH THE TELEWRITER PROGRAM. FK

0443C

\*\*\* JOYNER, DOUGLAS

0443C

## NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS

AUDIOVISUAL INSTRUCTION 11,6, P442, JUNE-JULY 1966

// SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE

A SPECIAL AUDIO-VISUALLY INTERCONNECTED CONFERENCE SESSION WAS HELD BETWEEN DAVI (DEPARTMENT OF AUDIOVISUAL INSTRUCTION) AND CMT (COUNCIL ON MEDICAL TELEVISION) DEALING WITH LIBRARY AND INFORMATION PROBLEMS. THE SYSTEM INCLUDED A UNIDIRECTIONAL ELECTROWRITER LINK FROM SAN DIEGO TO SAN FRANCISCO AND A TWO-WAY VOICE CONNECTION BETWEEN THE TWO CITIES. THE TWO GEOGRAPHICALLY SEPARATED GROUPS EXCHANGED IDEAS FOLLOWING LECTURES ILLUSTRATED BY MEANS OF THE ELECTROWRITER. ACCORDING TO THE AUTHOR, THIS DEMONSTRATION PROVED THAT 'WITH THE PROPER SURVEY, DESIGN, AND OPERATION, THE USE OF THE TELELECTURE/ELECTROWRITER MAY PROVE QUITE FEASIBLE IN EDUCATION.' CM

0444C

\*\*\* KENDALL, LLOYD

0444C

## MEET THE SPOKESMAN

AUDIOVISUAL INSTRUCTION 9,4, P236, APRIL 1964

// SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT

THE SPOKESMAN, A DEVICE WHICH AMPLIFIES A TELEPHONE CONVERSATION SO THAT A WHOLE CLASS CAN LISTEN TO IT, HAS GIVEN YOUNG STUDENTS MANY NEW EXPERIENCES IN FIRSTHAND EXCHANGE WITH EXPERTS IN NUMEROUS FIELDS. THE SPOKESMAN, WHICH IS BOTH LOW IN COST AND SIMPLE TO OPERATE, PROVIDES AN ALMOST UNLIMITED NUMBER OF OPPORTUNITIES FOR TWO-WAY EXCHANGE BETWEEN SCHOOL AND COMMUNITY. IT IS CURRENTLY BEING INSTALLED IN MANY SAN DIEGO SCHOOLS. FK

0447C

\*\*\* LEWIS, PHILIP

TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION

NATION'S SCHOOLS 78,3, P114, SEPT 1966

// HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV

LEWIS DESCRIBES THE TELELECTURE TECHNIQUE AS AN EFFECTIVE METHOD OF INFORMATION EXCHANGE, TOUCHING ON THE HISTORY OF THE USE OF TELELECTURES IN EDUCATION. HE DESCRIBES HOW TELELECTURES WORK, AVAILABLE EQUIPMENT, COSTS AND POSSIBLE APPLICATIONS. EQUIPMENT DESCRIBED INCLUDES TELEPHONE TELELECTURE HOOKUP, ELECTROWRITERS, SLOW-SCAN TV AND FACSIMILE. CM

0447C

0448

\*\*\* MADDEN, CHARLES F.

GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES

TIMES (LONDON EDUCATIONAL SUPPLEMENT), P2557-79, OCT 9, 1964

TIMES (LONDON EDUCATIONAL SUPPLEMENT), P2557-79, OCT 9, 1964

0448

0449C

\*\*\* MCDIVITT, HELEN

TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS

CLEARING HOUSE 38,7, P446-8, MARCH 1964

// SOUTH-KORTRIGHT NEW-YORK SECONDARY-TO PRIMARY-ED INSERVICE-ED TEACHER-ED  
EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA  
HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO

MCDIVITT OUTLINES THE VARIOUS WAYS IN WHICH THE TELEPHONE HAS BEEN USED BY NINE SCHOOLS IN EASTERN NEW YORK STATE. EACH SCHOOL IS FROM TWO TO 34 MILES AWAY FROM SOUTH KORTRIGHT, WHERE A CENTRAL SWITCHBOARD CONNECTS EACH BY CLOSED CIRCUIT TELEPHONE TO THE OTHERS AND TO THE OUTSIDE WORLD. THE EXPERIMENT WAS BEGUN IN 1962 TO SUPPLEMENT REGULAR INSTRUCTION BY ALLOWING SCHOOLS TO ESTABLISH CONTACTS WITH OUTSIDE SPEAKERS. THE SUCCESS OF THIS PROGRAM LED TO THE USE OF THE SYSTEM FOR INSERVICE TEACHER TRAINING. INSTRUCTION IN MODERN MATH IS TO BE PROVIDED BY PHONE, IN CONNECTION WITH FILMS, TAPE-RECORDED LESSONS AND TELEPHONIC WRITING EQUIPMENT. THE TELEPHONE LINES HAVE ALSO BEEN USED FOR INTERNATIONAL EXCHANGE, LANGUAGE INSTRUCTION, TEACHER SHARING, ADMINISTRATIVE DISCUSSION BETWEEN SCHOOLS, EXTRA-CURRICULAR ACTIVITIES AND SPEECH THERAPY. INDEED, THE POSSIBILITIES SEEM TO MULTIPLY. 'ONE INTEREST LEADS INTO ANOTHER OR INTO THREE OR FOUR OTHERS.' CONVERSATION HAS DISTINCT ADVANTAGES OVER OTHER FORMS OF INFORMATION PRESENTATION. 'THE MOST IMPORTANT BENEFIT CAME FROM THE DIRECT TWO-WAY CONTACT BETWEEN SPEAKER AND STUDENTS.' WH

0449C

## REC'D INDEX

0445C

\*\*\* KRAY, EUGENE J.

NEW TELEPHONE LEARNING TECHNIQUES

BALANCE SHEET 46,4, P192, DEC 1964

// NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED  
COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO

THIS ARTICLE DESCRIBES THE TELECONFERENCING EXPERIENCES OF STUDENTS AT WEST MILFORD TOWNSHIP HIGH SCHOOL, NEWFOUNDLAND, NEW JERSEY. DEVELOPED BY THE NEW JERSEY BELL TELEPHONE CO., THE EQUIPMENT USED ALLOWS STUDENTS TO TALK WITH AND HAVE THEIR QUESTIONS ANSWERED BY NOTED PERSONALITIES. THE EQUIPMENT CONSISTS OF FOUR LOUDSPEAKERS AND SIX MICROPHONES PLUGGED INTO REGULAR TELEPHONE LINES. THE TELECONFERENCE TECHNIQUE IS USED FOR COURSE ENRICHMENT THROUGH CONTACT WITH FAMOUS PERSONS. THE AUTHOR ALSO NOTES THAT CALLS TO LESS DISTINGUISHED PERSONS CAN GREATLY AID THE EDUCATIONAL PROCESS. FK

0446A

\*\*\*

LECTURES ON THE PHONE, TELELECTURES

TIME, P37, JULY 19, 1963

// MISSISSIPPI CLASSICS SATELLITE TELSTAR-II

A BRIEF ACCOUNT OF HOW MOSES HADAS, A NOTED CLASSICIST, PRESENTED AN HOUR'S TELELECTURE TO A CLASS IN MISSISSIPPI. PART OF HIS LECTURE WAS BOUNCED OFF TELSTAR II TO DEMONSTRATE THAT TELELECTURES CAN BE TRANSMITTED TO OTHER PARTS OF THE WORLD. THE PRESENTATION WAS LESS COSTLY THAN INVITING HADAS TO MISSISSIPPI. YA

0445C

0446A

0450	<p>*** MEYERS, E.A. (AND OTHERS)</p> <p>BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY</p> <p>JOURNAL OF CHEMICAL EDUCATION 44, P452-3, AUGUST 1967</p>	0450
0451	<p>*** MONDELBAU, J.D.</p> <p>SIX EXPERIMENTAL TELELECTURES</p> <p>EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P32-3, MAY 1966</p>	0451
0452C	<p>*** MOORE, J. MICHAEL</p> <p>TELECOMMUNICATIONS IN FL INSTRUCTION</p> <p>AUDIOVISUAL INSTRUCTION 10,8, P656, OCT 1965</p> <p>// SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS</p> <p>A HIGHLIGHT OF THE AMERICAN PUBLIC SCHOOLS WEEK HELD IN SAN DIEGO IN APRIL 1964 WAS A TRANSATLANTIC TELEPHONE INTERVIEW OF WEST GERMAN VICE-PRESIDENT ERICH MENDE BY STUDENTS ENROLLED IN GERMAN CLASSES OF THE SAN DIEGO UNIFIED SCHOOL DISTRICT. VISUAL AIDS WERE EMPLOYED DURING THE INTERVIEW, WHICH WAS BROADCAST OVER A GERMAN RADIO NETWORK ALSO. GROUNDWORK FOR THE EXPERIMENT WAS LAID BY THE AUTHOR IN GERMANY IN 1964. FK</p>	0452C

## REC'D INDEX

0453

\*\*\* MORTON, BERRY E. \* BURNS, RICHARD L.

0453

TELELECTURE IN INDUSTRIAL EDUCATION

INDUSTRIAL ARTS AND VOCATIONAL EDUCATION 55,6, P40, JULY 1966

0458C

\*\*\* PAUL, ALDRICH K.

0458C

NEW CONCEPT IN SHARING SPEECH PROFESSORS

SPEECH TEACHER 13/14, P27-9, JAN 1965

// NEBRASKA-OMAHA-UNIV OHIO-CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST  
NORTHWESTERN-BELL-TELEPHONE-CO

DR. PAUL DESCRIBES THE USE OF THE TELELECTURE TECHNIQUE BY THE SPEECH DEPARTMENT AT THE UNIVERSITY OF CINCINNATI, AFTER GIVING A BRIEF HISTORY OF CONFERENCE TYPE TELEPHONE INTERCONNECTIONS. HE CITES INNOVATIVE USES OF THE TELEPHONE FROM 1899 TO 1960, WHEN MICHEL BEILIS TRIED THE TELELECTURE TECHNIQUE WITH LARGE AUDIENCES. THE SPEECH DEPARTMENT AT CINCINNATI HAS USED THE TECHNIQUE SINCE 1962 TO RECEIVE LECTURES FROM EXPERTS AND TO PROVIDE OPEN DISCUSSION WITH THEM. THE TWO-WAY TELEPHONE CONFERENCE HOOKUP IS SUPPLEMENTED BY VISUAL AIDS WHICH ARE MAILED PRIOR TO THE LECTURE. THE COST OF A TELELECTURE IS FROM ONE-FIFTH TO ONE-TENTH OF THE COST OF BRINGING A PROMINENT SPEAKER TO THE CLASSROOM. THE AUTHOR MENTIONS SOME DIFFICULTIES INHERENT IN THE TECHNIQUE AND SOME SOLUTIONS HIS GROUPS AND SPEAKERS HAVE ACHIEVED. IN ADDITION TO THE ADVANTAGES OF LOW COST, GREATER AVAILABILITY OF SPEAKERS, FLEXIBILITY IN PROGRAM PLANNING AND IN SPEAKER LOCATION, AND EASE IN TECHNICAL PREPARATION, THE AUTHOR FEELS THAT THE CIRCULAR COMMUNICATION PROCESS OF TELECONFERENCING IS SUPERIOR TO THE ONE-WAY LECTURE. CM

0461C

\*\*\*

0461C

PICTUREPHONE

SCIENTIFIC AMERICAN 211,1, P48, JULY 1964

// NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T

AT+T IS INSTALLING A COMMERCIAL PICTUREPHONE SERVICE BETWEEN NEW YORK, CHICAGO AND WASHINGTON IN JUNE, 1964 TO TEST PUBLIC INTEREST AND REACTION. THIS IS '...THE FIRST DIALABLE VISUAL TELEPHONE SYSTEM WITH AN ACCEPTABLE PICTURE THAT HAS BEEN BROUGHT WITHIN THE RANGE OF ECONOMIC FEASIBILITY.' COST FOR A 3-MINUTE CALL BETWEEN WASHINGTON AND CHICAGO IS 21 DOLLARS. A PICTUREPHONE TRANSMISSION REQUIRES 125 TIMES AS MUCH OF A BANDWIDTH AS A VOICE-ONLY-TRANSMISSION DOES. CM

PICTUREPHONE DEVELOPED FOR COMMERCIAL USE

SCIENCE NEWS LETTER 86,5, P73, AUGUST 1, 1964

SCIENCE NEWS LETTER 86,5, P73, AUGUST 1, 1964

// NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS

COMMERCIAL PICTUREPHONE SETS ARE AVAILABLE FOR USE BY APPOINTMENT IN NEW YORK, CHICAGO AND WASHINGTON. PUBLIC REACTION TO THE SETS MUST BE MEASURED BEFORE THE SETS BECOME WIDELY AVAILABLE. DEVELOPMENT WORK BY BELL LABS CONTINUES ON THE FEASIBILITY OF CONFERENCE PICTUREPHONE USAGE AND ON MAKING PRINTED MATERIALS EASIER TO SEE AND READ OVER THE VIDEO CIRCUIT. CM

0463

\*\*\* QUINN, D.

0463

SIX WORKSHOPS RECEIVE KEY PRESENTATIONS VIA TELELECTURE

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P29+, MAY 1966

0464C

\*\*\* ROMENESKO, MERLIN A.

0464C

HELLO GREAT AMERICAN

WISCONSIN JOURNAL OF EDUCATION 98,1, P8, SEPT 1965

// WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS

BIG FOOT HIGH SCHOOL IN WALWORTH, WISCONSIN USED AMPLIFIED TELEPHONES TO RECEIVE A LECTURE FROM PEARL S. BUCK. STUDENTS TOOK AN ACTIVE PART IN CHOOSING THIS SPEAKER AND IN PREPARING QUESTIONS FOR HER TO ANSWER. THE QUESTIONS WERE MAILED IN ADVANCE TO EXPEDITE THE CONVERSATION, AND VISUAL AIDS WERE REQUESTED OF THE LECTURER IN RETURN MAIL. THE GENERAL TELEPHONE COMPANY OFFERED THREE SPEAKERS AND A PORTABLE MICROPHONE WITHOUT CHARGE. CM

0466C

\*\*\* SNELLMAN, ADALINE \* SEMENIUK, ALEXANDRA \* STOFLET, DOROTHY

0466C

TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS

JOURNAL OF HOME ECONOMICS 58,1, P48-9, JAN 1966

// SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD

TEXTILE AND CLOTHING STUDENTS AT SOUTH DAKOTA STATE UNIVERSITY HAD THE OPPORTUNITY TO HEAR FROM AN INTERNATIONALLY KNOWN FASHION DESIGNER THROUGH A LONG-DISTANCE TELELECTURE HOOKUP. PREPLANNING FOR THE TELELECTURE WAS EXTENSIVE. STUDENTS PREPARED A BIOGRAPHY OF THE DESIGNER, MADE DISPLAYS AND RELEASED PUBLICITY ITEMS THROUGH LOCAL NEWS MEDIA. THE DESIGNER INQUIRED OF THE STUDENTS' SPECIAL INTERESTS AND SENT VISUAL AIDS BY MAIL TO BE SYNCHRONIZED WITH HER LECTURE. THIS TELELECTURE WAS THE FIRST IN THE DAKOTAS AND SURROUNDING STATES AND GENERATED MUCH COMMUNITY INTEREST AND COOPERATION FROM THE LOCAL TELEPHONE COMPANY. THE COST WAS ONLY 21.50 DOLLARS. THE PRESENTATION WAS TAPED AND WILL BE USED FOR FUTURE FRESHMAN CLASSES. THE AUTHORS ADVISE OF THE IMPORTANCE OF PRETESTING THE EQUIPMENT AND OF PREPLANNING THE PROGRAM SO THAT RAPPORT CAN BE ESTABLISHED READILY. CM



## REGID INDEX

0467C

\*\*\*

0467C

SPREADING THE WORD ON THE NEW MATH

BUSINESS WEEK, P110-2, APRIL 10, 1965

// NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS  
PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION

THE NORTHWEST IOWA TELEWRITER PROJECT MADE USE OF TELEPHONE LINES AND THE VICTOR ELECTROWRITER TO TEACH THE NEW MATH TO SOME 2,250 PARENTS AND ELEMENTARY SCHOOL TEACHERS. LECTURES GIVEN BY INSTRUCTORS IN CHICAGO, URBANA, ILLINOIS, AND CEDAR FALLS, IOWA WERE RELAYED TO SEVEN SCHOOL HALLS IN NORTHWEST IOWA, UP TO 500 MILES AWAY FROM THE SOURCE. SLIDES OF THE LECTURER WERE USED 'TO KEEP INTEREST HIGH.' MICROPHONES ALLOWED THE STUDENTS TO ASK QUESTIONS AND THE ELECTROWRITER FLASHED THE TEACHERS' DIAGRAMS ONTO EIGHT-FOOT SCREENS AT EACH LOCATION. SPECIAL INSTRUCTIONAL PAMPHLETS WERE DESIGNED AND PURCHASED FROM ENCYCLOPEDIA BRITANNICA. THE PROJECT, WHICH WAS FINANCED BY THE FORD FOUNDATION, THE FEDERAL GOVERNMENT AND LOCAL EDUCATION GROUPS, SEEMS TO HAVE BEEN HIGHLY SUCCESSFUL. IT HAS HELPED TO INVOLVE PARENTS MORE FULLY IN THE EDUCATION OF THEIR CHILDREN AND IT HAS PROVIDED TEACHERS WITH NECESSARY INSERVICE TRAINING. UNLIKE TELEVISION, THIS METHOD OF MASS INSTRUCTION PERMITS AUDIENCE RESPONSE AND SO ALLOWS THE INSTRUCTOR TO ADAPT HIS PRESENTATION CONTINUALLY TO HIS AUDIENCE. FURTHERMORE, THE EXPENSE IS ESTIMATED TO BE '...ONE-THIRTIETH THAT OF CLOSED-CIRCUIT TELEVISION BROADCASTS OF A SIMILAR NATURE.' WH

0468C

\*\*\* TALLUAY, EDWARD J.

0468C

LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH

NATION'S SCHOOLS 78,4, P90, OCT 1966

// LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION  
EVALUATION-QUESTIONNAIRE

FRENCH AND SPANISH LANGUAGE STUDENTS IN HIGH SCHOOLS IN LAKEWOOD, COLORADO PARTICIPATED IN A SUPPLEMENTARY INDIVIDUAL INSTRUCTION PROGRAM. TAPE-RECORDED LESSON DRILLS WERE MADE AVAILABLE TO THE 325 LANGUAGE STUDENTS VIA A TELEPHONE DIAL ACCESS SYSTEM. THE PROJECT WAS EVALUATED BY QUESTIONNAIRES ANSWERED BY THE STUDENTS AFTER 3 MONTHS. SEVENTY-TWO PER CENT FELT THAT THE DRILL LESSONS WERE HELPFUL. SIXTY-THREE PER CENT THOUGHT THAT EVEN NEW LANGUAGE LESSONS COULD BE LEARNED BY THE TELEPHONE DIAL ACCESS TECHNIQUE. STUDENTS INDICATED THAT THEY WOULD LIKE TO USE THE DIAL ACCESS TAPES DURING THE ENTIRE YEAR. ALTHOUGH THE EXPERIMENT WAS SMALL AND INFORMAL, THE AUTHOR FEELS THAT IT DID POINT THE WAY TO FUTURE PILOT STUDIES USING THE TELEPHONE AS A TEACHING TOOL. CM

## TELEPHONE TEACHERS

TIMES (LONDON EDUCATIONAL SUPPLEMENT) 2609, P1570, MAY 21, 1965

// HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T

TWO EDUCATIONAL APPLICATIONS OF THE TELEPHONE IN THE UNITED STATES ARE REPORTED IN THIS NEWS ARTICLE. THE FIRST USE IS AN AMPLIFIED TELEPHONE SYSTEM BY MEANS OF WHICH HOMEBOUND STUDENTS CAN HEAR ALL THAT OCCURS IN THE CLASSROOM AND CAN PARTICIPATE IN THE LESSONS. FOURTH GRADERS THROUGH COLLEGE STUDENTS CAN USE THIS SYSTEM. COST FOR THE EQUIPMENT AND OPERATION IS USUALLY ABSORBED BY THE EDUCATION AUTHORITIES OR LOCAL ORGANIZATIONS. THE SECOND DEVELOPMENT IN THE USE OF THE TELEPHONE IN EDUCATION IS THE TELELECTURE. A RECENT LECTURE SERIES AT OMAHA UNIVERSITY INCLUDED TELELECTURES BY TWO FAMOUS ELIZABETHAN SCHOLARS - ONE LECTURER AT CORNELL UNIVERSITY AND THE OTHER IN LONDON. THESE LECTURES WERE SUPPLEMENTED BY VISUAL-AIDS AND STUDENTS ASKED QUESTIONS THROUGH THEIR CHAIRMAN. THE ARTICLE REPORTS THAT TWO-WAY TELEPHONE COMMUNICATION PROVIDED AN ENHANCED FEELING OF UNITY BETWEEN LECTURER AND CLASS. 'ONE STATE UNIVERSITY LECTURER REVEALED THAT HE FELT AN EVER GREATER URGE TO COMMUNICATE THAN WHEN HE COULD SEE HIS AUDIENCE.' THE SAVINGS IN COST, TRAVEL AND TIME ARE NOTED. CM

0474C

\*\*\* WILSON, FRED

0474C

PICTUREPHONE AS A PHOTO TOOL

POPULAR PHOTOGRAPHY 57,4, P36, OCT 1965

// NEW-YORK-CITY CHICAGO

THE EDITOR OF THE MAGAZINE, POPULAR PHOTOGRAPHY, MADE USE OF THE PICTUREPHONE LINK BETWEEN NEW YORK AND CHICAGO TO ASK A PROFESSIONAL PHOTOGRAPHER TO SHOW HIM A PORTFOLIO OF THE PHOTOGRAPHER'S PRINTS OVER THE LINE. A TIME WAS ARRANGED AND SOME THIRTY PRINTS WERE HELD UP TO THE CAMERA IN CHICAGO. THE EDITOR CHOSE A PICTURE FOR INCLUSION IN THE 1966 EDITION OF PHOTOGRAPHY ANNUAL. THOUGH THE PICTUREPHONE IMAGE IS ONLY FOUR AND THREE-EIGHTHS BY FIVE AND THREE-FOURTHS INCHES, THE RESOLUTION IS GOOD. EXCEPT FOR FOCUSING, IT OPERATES AUTOMATICALLY - ADJUSTING CONTRAST AND ADAPTING TO ILLUMINATION RANGING FROM 5 TO 100 FOOT CANDLES. IT INCLUDES AUTOMATIC SYNCHRONIZATION '...TO ELIMINATE THE NEED FOR HORIZONTAL OR VERTICAL CONTROLS. WH

0476C

\*\*\*

0476C

MAKING CURRENT-EVENTS REAL FOR STUDENTS

SCHOOL MANAGEMENT 10,9, P11, SEPT 1966

// OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST

THIS NEWS ITEM NOTES HOW HIGH SCHOOLS IN OSWEGO, NEW YORK HAVE UTILIZED TELELECTURES TO BRING MANY FAMOUS AND IMPORTANT FIGURES INTO THE CLASSROOM. REGULAR LONG DISTANCE TELEPHONE CALLS ARE HEARD OVER THE SCHOOL LOUDSPEAKER SYSTEM. COSTS INCLUDED APPROXIMATELY 100 DOLLARS FOR LINE CHARGES AND 200 DOLLARS FOR SPEAKERS' FEES. SESSIONS ARE TAPE RECORDED FOR FUTURE USE. FK

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 7

REC'D INDEX

0477C

\*\*\* KLEMMER, EDMUND T.

0477C

HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING

HUMAN FACTORS R, P475-80, DEC 1966

//, DELAY ECHO BELL-LABS

\*TELEPHONE CALLS ROUTED VIA SATELLITE INVOLVE LONG TRANSMISSION PATHS WHICH IN TURN REQUIRE SIGNIFICANT TRANSMISSION TIMES EVEN AT THE SPEED OF LIGHT. THIS TRANSMISSION TIME PRODUCES A DELAY IN SPEECH TRANSMISSION OF ABOUT 0.3 SECONDS IN EACH DIRECTION FOR A SYNCHRONOUS SATELLITE. ALTHOUGH THE DELAY ITSELF IS NOT USUALLY NOTICED BY THE TALKERS, IT SIGNIFICANTLY INCREASES THE DISTURBING EFFECTS OF ECHO AND MUTILATION OF SPEECH BY THE ECHO SUPPRESSORS SO THAT THE OVERALL QUALITY OF THE CIRCUIT, AS JUDGED BY THE USERS, SUFFERS.' CHARTS AND GRAPHS ACCOMPANY THIS ARTICLE TO ILLUSTRATE THE CORRELATIONS BETWEEN DELAY AND DIFFICULTY OF HEARING AND TALKING IN FIELD AND LABORATORY SIMULATIONS AS WELL AS ACTUAL CIRCUIT TESTS. AUTHOR'S ABSTRACT WITH NOTE BY CM.

0478C

\*\*\* BAVELAS, ALEX

0478C

TELECONFERENCING, BACKGROUND INFORMATION

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-106. IDA/HQ 64-2310, NOV 1963

0479C

\*\*\* BAVELAS, ALEX

0479C

TELECONFERENCING, GUIDELINES FOR RESEARCH

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-107. IDA/HQ 64-2312, NOV 1963

## TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-109. IDA/HQ 64-2314,  
NOV 1963

// INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF

THIS PAPER DISCUSSES TYPES OF LANGUAGE TRANSPOSITION SERVICES AND THEIR APPLICABILITY TO INTERNATIONAL TELECONFERENCING. THE AUTHOR NOTES THE DIFFERENCE BETWEEN SPONTANEOUS TRANSPOSITION OF ORAL MATERIAL, (I.E., INTERPRETATION) AND METICULOUS TRANSPOSITION OF WRITTEN MATERIAL (I.E., TRANSLATION). ALTHOUGH THIS DISTINCTION SOMETIMES BECOMES BLURRED IN A TELECONFERENCING SITUATION, FOUR BASIC TYPES OF TELECONFERENCING TRANSPOSITION ARE DISCERNABLE 1) THE FULL TRANSLATION METHOD 2) THE SIMULTANEOUS SIGHT METHOD, IN WHICH TRANSLATION OCCURS AT THE SAME TIME A MESSAGE IS BEING PRINTED ON A TELETYPE 3) THE SIMULTANEOUS INTERPRETATION

THE SAME TIME A MESSAGE IS BEING PRINTED ON A TELETYPE 3) THE SIMULTANEOUS INTERPRETATION

METHOD AND 4) THE CONSECUTIVE INTERPRETATION METHOD, IN WHICH INTERPRETATION OCCURS AFTER A PARTICIPANT FINISHES SPEAKING. IN SELECTING A METHOD OF TRANSPOSITION, THE COMPATIBILITY OF TECHNIQUES AND EQUIPMENT MUST BE KEPT IN MIND. CURRENTLY, THE CONSECUTIVE INTERPRETATION SYSTEM IS USED IN HIGH LEVEL DIPLOMATIC TALKS, WHILE THE SIMULTANEOUS INTERPRETATION METHOD IS COMMON TO LARGE SCALE INTERNATIONAL CONFERENCES. IN TELECONFERENCES, SEVERAL TRANSPOSITION POSSIBILITIES EXIST, INCLUDING 1) A ONE LANGUAGE NETWORK 2) A MULTI-LANGUAGE SIMULTANEOUS NETWORK 3) A NETWORK IN WHICH EACH TERMINAL TRANSMITS ITS OWN LANGUAGE 4) A MULTI-LANGUAGE CONSECUTIVE NETWORK 5) THE BERLIN SYSTEM, IN WHICH MANY CONSECUTIVE INTERPRETATIONS ARE DONE SIMULTANEOUSLY AND 6) THE DUPLEX NETWORK, IN WHICH THE ORIGINAL IS TRANSMITTED IN ONE DIRECTION AND AN INTERPRETATION IN ANOTHER. SINCE LANGUAGE SERVICES EFFECT TELECONFERENCES TO SOME EXTENT, IMMEDIATE ATTENTION IN THE FORM OF RESEARCH SHOULD BE GIVEN TO THE EFFICIENCY PROBLEMS OF "...TRANSLATION AND INTERPRETATION IN THEIR SEVERAL COMBINATIONS AS REQUIRED BY VARIOUS MEDIA OF COMMUNICATION." FK

## TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-110. IDA/HQ 64-2315,  
NOV 1963

// INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS

THIS PAPER CONSISTS OF A GENERAL DISCUSSION OF THE TECHNICAL REQUIREMENTS FOR INTERNATIONAL TELECONFERENCING NETWORKS AND A CURSORY ASSESSMENT OF AVAILABLE TELECONFERENCING FACILITIES IN NATO CAPITALS. IN THE PAPER, TELECONFERENCING REQUIREMENTS ARE BROKEN DOWN INTO THREE FACTORS WHICH CAN AFFECT A TELECONFERENCE IN MANY WAYS. THESE THREE ARE BANDWIDTH, TRANSMISSION QUALITY AND SECURITY MEASURES. THE AUTHOR ASSESSES THE BANDWIDTH AND SECURITY FACILITIES WHICH EXIST BETWEEN NATO CAPITALS, NOTING THE DESIRABILITY OF ENCRYPTION VIA TELETYPE. THE AUTHOR, HOWEVER, DOES NOT ASSESS QUALITY, A VERY SUBJECTIVE CHARACTERISTIC, BUT RATHER MAKES SEVERAL OBSERVATIONS ON THE SUBJECT. THE PAPER CONCLUDES WITH A DISCUSSION OF COSTS, WHICH MAY BE SIGNIFICANTLY REDUCED IF U.S. AND NATO MILITARY CHANNELS ARE UTILIZED. FK

## TELECONFERENCING, PROCEDURES

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-111. IDA/HQ 64-2316,  
NOV 1963

// INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS  
CHAIRMANSHIP-ROLE

IN AN ATTEMPT TO SUGGEST A METHOD FOR ANALYZING TELECONFERENCE PROCEDURES, THE AUTHOR DESCRIBES THE PHYSICAL CHARACTERISTICS OF VARIOUS TYPES OF TELECONFERENCING NETWORKS AND EXAMINES THE PROCEDURAL PROBLEMS INHERENT IN THEM. THE PAPER BEGINS BY DEFINING TERMS AND EXPLAINING THE GRAPHIC SYMBOLS USED BY THE AUTHOR TO REPRESENT THE MEDIA, TERMINALS AND MODES OF TRANSMISSION USED IN VARIOUS NETWORKS. DESCRIPTIONS AND PROCEDURAL ANALYSES ARE GIVEN FOR THREE GENERAL TYPES OF NETWORKS 1) COMMON CIRCUIT SIMPLEX NETWORKS (I.E., DELTA NETS) 2) CENTRAL CONTROL NETWORKS (I.E., Y NETS) AND 3) COMBINATION NETWORKS. PROCEDURAL ISSUES ARE BROKEN DOWN INTO THOSE INVOLVING PROTOCOL AND THOSE INVOLVING OPERATIONAL PROCEDURES. ISSUES OF PROTOCOL WHICH ARE EXAMINED INCLUDE 1) THE PROBLEM OF LANGUAGE AND INTERPRETATION, WHICH OFTEN CAUSES LONG DELAYS DURING TELECONFERENCES 2) THE EXTENT OF THE POWER TO BE WIELOED BY THE TELECONFERENCE'S CHAIRMAN 3) SIDE CONVERSATIONS AND 4) MEDIA COMBINATIONS. IN CONCLUSION, THE AUTHOR MAKES SEVERAL OBSERVATIONS AND SUGGESTIONS REGARDING TELECONFERENCE PROCEDURES, NOTING THAT WELL THOUGHT-OUT PROCEDURES ARE ESSENTIAL TO THE SUCCESS OF A TELECONFERENCE. FK

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## REC'D INDEX

PAGE 8

## TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-113. IDA/HQ 64-4698,  
OCT 1963. (REVISED MARCH 1966)

## TELECONFERENCING, PRELIMINARY EXPERIMENTS

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-108. IDA/HQ 64-2313.  
NOV 1963

USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION  
NEW YORK JOURNAL OF MEDICINE 66, P2694-7, OCT 15, 1966

\*\*\* SMART, CHARLES R. \* STERNBERG, THOMAS H. \* CLINCO, ARTHUR A.

INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION  
JOURNAL OF MEDICAL EDUCATION 41, P977-81, OCT 1966

// LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR  
EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST

THE SCHOOL OF MEDICINE OF THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES BEGAN USING OPEN CIRCUIT TELEVISION AS A TEACHING MEDIUM IN POSTGRADUATE MEDICAL EDUCATION IN OCTOBER 1954. ATTENDANCE, MEASURED BY A TELEPHONE SURVEY, WAS GOOD AND PHYSICIAN RESPONSE WAS FAVORABLE. IN 1964, THE MEDICAL SCHOOL VETOED THE USE OF OPEN CIRCUIT TELEVISION IN FAVOR OF CLOSED CIRCUIT OR ENCODED TELEVISION TO ENSURE PRIVACY AND AVOID LAY CRITICISM OF THE PARTICIPANTS. THE NEW COMMUNICATIONS SYSTEM UTILIZED ENCODED TELEVISION COMBINED WITH A TELEPHONE LINK FOR QUESTION AND ANSWER PERIODS. MODERATORS WERE ASSIGNED AT EACH RECEIVING HOSPITAL TO KEEP ATTENDANCE RECORDS, STIMULATE QUESTIONS AND EVALUATE THE PROGRAMS. FURTHER EVALUATION WAS SOUGHT BY MEANS OF QUESTIONNAIRES. ENCODED TELEVISION FOR POSTGRADUATE MEDICAL EDUCATION ENCOMPASSES MOST OF THE ADVANTAGES OF CLOSED-CIRCUIT TELEVISION (PRIVACY OF MEDICAL COMMUNICATION PLUS AN AUDIENCE WHICH CAN BE MEASURED, EVALUATED AND CONTROLLED), AS WELL AS THE CHEAP, POTENTIALLY WIDE COVERAGE OF OPEN CIRCUIT TELEVISION. BY MAKING THE COMMUNITY HOSPITAL THE RECEPTION CENTER FOR THESE PROGRAMS AND BY PROVIDING FOR LIVE FEEDBACK FROM THE AUDIENCE, THE COMMUNITY HOSPITALS BECOME A BRANCH OF THE 'UNIVERSITY WITHOUT WALLS' IN THE LIFELONG EDUCATION OF PHYSICIANS. BY MEANS OF THE NEWLY DEVELOPED, CHEAP HOME VIDEOTAPE RECORDERS, IT IS NOW POSSIBLE FOR THE HOSPITAL STAFF TO RECORD THESE TELEVISION PROGRAMS WHEN BROADCAST AND THEN REPLAY THEM AT WHATEVER HOUR AND AS MANY TIMES AS THEY DESIRE. IT ALSO ALLOWS THE NETWORK TO DUPLICATE THE PROGRAMS AND MAIL THEM TO HOSPITALS OUTSIDE THE RANGE OF THE PRESENT BROADCAST SYSTEM. THIS MEANS THAT THE PRACTITIONER MAY SEE AN EXCELLENT, UP-TO-DATE PROGRAM AT ANY TIME AND ALMOST ANY

MEANS THAT THE PRACTITIONER MAY SEE AN EXCELLENT, UP-TO-DATE PROGRAM AT ANY TIME AND ALMOST ANY PLACE.\* CM

0512C

\*\*\* TAMPAS, JOHN P. \* SOULE, A. BRADLEY

0512C

EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 204,13, P1173-5, JUNE 24, 1968

// VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE  
FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST

\*TELEVISION HAS BEEN DEVELOPED AND USED EXTENSIVELY AT THE UNIVERSITY OF VERMONT COLLEGE OF MEDICINE FOR CONSULTATION, PATIENT CARE, TEACHING, AND RESEARCH. PRESENT USES INCLUDE TELEVIEWED MONITORING OF FLUOROSCOPIC EXAMINATIONS, RADIOGRAPHS, ELECTROCARDIOGRAMS, MICROSCOPIC IMAGES, TEACHING CONFERENCES, OPERATIVE PROCEDURES, AND PATIENTS UNDERGOING RADIATION THERAPY. PROJECTED PLANS INCLUDE THE DEVELOPMENT OF A TWO-WAY AUDIOVISUAL TRANSMISSION BETWEEN THE MEDICAL CENTER AND PERIPHERAL COMMUNITY HOSPITALS FOR TEACHING AND CONSULTATION PURPOSES.\* THE ARTICLE DISCUSSES THE HISTORY, TECHNICAL FACTORS, EARLY TYPES, CURRENT APPLICATIONS, PROJECTED USES, AND THE LIMITING FACTORS OF THESE COMMUNICATIONS APPLICATION. CM

0542C

\*\*\* FREDETTE, ALBERT P.

0542C

TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT

AUDIOVISUAL INSTRUCTION 8, P738-40, DEC 1963

0544C

\*\*\* COOK, THOMAS G.

0544C

TEL-LECTURE

ADULT LEADERSHIP 12, P11-2, MAY 1963

// WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT  
PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE  
LACROSSE-TELEPHONE-CD

AN EXPERIMENT TO EXAMINE THE POTENTIAL EFFECTIVENESS OF TELELECTURES WAS CONDUCTED AT LACROSSE STATE COLLEGE, IN WISCONSIN, ON MAY 3, 1967. ONE HUNDRED PEOPLE, MAINLY UNDERGRADUATES IN PHYSICAL SCIENCE, ATTENDED A TELELECTURE ON THE NUCLEAR REACTOR GIVEN BY DR. MAX CARBON, LOCATED AT THE UNIVERSITY OF WISCONSIN MADISON CAMPUS. TWO PROJECTORS AND TWO SCREENS WERE USED AT THE RECEIVING SITE, IN CONJUNCTION WITH THOSE IN THE LECTURER'S OFFICE, SO THAT IMPORTANT VISUALS COULD REMAIN IN VIEW WHILE SECONDARY SLIDES WERE CHANGED. THE EXPERIMENT DEMONSTRATED THE NECESSITY FOR DETAILED PLANNING AND THE IMPORTANCE OF INTEGRATING VISUALS INTO THE LECTURE IN ORDER TO FOCUS AUDIENCE ATTENTION. FURTHERMORE, PARTICIPATION IN THE QUESTION-ANSWER SESSION PROVED VALUABLE IN THE ATTEMPT TO 'INVOLVE THE AUDIENCE IN SOME MEANINGFUL WAY...' ALL THOSE WHO COMPLETED EVALUATION CARDS THOUGHT THE TELELECTURE AN EFFECTIVE EDUCATIONAL METHOD AND '66 PER CENT OF THE RESPONDENTS FELT THE TEL-LECTURE WAS 'AS EFFECTIVE' AS A LECTURE 'IN PERSON'.' THE AUTHOR FEELS THAT THIS TECHNIQUE SHOULD NOT REPLACE PERSONAL ATTENDANCE WHERE POSSIBLE. HOWEVER, IT MAY PROVIDE SMALL COMMUNITIES WITH INEXPENSIVE ACCESS TO VALUABLE RESOURCES AND TO WIDELY ACCLAIMED PERSONS. WH

## REC'D INDEX

0545C

\*\*\*

0545C

ON THE LINE

NEWSWEEK 59, P92+, MARCH 12, 1962

// MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES  
COURTROOM-PROCEEDINGS CCTV

THIS NEWS ARTICLE DESCRIBES TWO CURRENT USES OF TELECOMMUNICATIONS AS TEACHING TOOLS IN HIGHER EDUCATION. STEPHENS COLLEGE (MISSOURI) IS USING THE TELEPHONE TELELECTURE TECHNIQUE TO FACILITATE TWO-WAY INTERVIEWS WITH POLITICAL LEADERS FOR ITS STUDENTS. THE 30-MINUTE OPPORTUNITIES TO HEAR AND QUESTION POLITICAL NOTABLES HAVE PROVIDED STEPHENS' STUDENTS WITH 'THE EXCITEMENT OF STREET CORNER POLITICS ALONG WITH THE OBJECTIVITY OF THE CLASSROOM.' LAW STUDENTS AT THE UNIVERSITY OF MICHIGAN CAN VIEW ACTUAL COURTROOM PROCEEDINGS VIA CLOSED CIRCUIT TELEVISION. THIS SYSTEM IS ESPECIALLY USEFUL BECAUSE STUDENTS CAN DISCUSS CERTAIN POINTS AS THEY ARISE WITHOUT DISTURBING THE PROCEEDINGS. IF THE JUDGE WISHES TO CLEAR THE COURT, HE SIMPLY ORDERS IT AND INSTRUCTS THE BAILIFF TO SHUT OFF THE TV CAMERA. CM

0546

\*\*\*

0546

WHAT'S COMING TOMORROW FROM TODAY'S TELEPHONES

U.S. NEWS AND WORLD REPORT 56, P60-4, MARCH 9, 1964

0547C

\*\*\* RUBIN, HAROLD

0547C

TELEPHONE NETWORK COURSES

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 43, P128-32+, MARCH 1964

0549C

\*\*\* MYERS, KENT C.

0549C

LEARNING BY TELEPHONE

CLEARING HOUSE 39, P475-8, APRIL 1965

0550C

\*\*\*

0550C

VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS

AUDIOVISUAL INSTRUCTION 10, P468-9, JUNE 1965

// MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF  
VISUAL-AIDS ELECTROWRITER HOME-STUDY

THIS ARTICLE REPORTS A MEETING AT WHICH CARL B. SNOW OF WESTERN MICHIGAN UNIVERSITY AND CHARLES F.



THIS ARTICLE REPORTS A MEETING AT WHICH CARL B. SNOW OF WESTERN MICHIGAN UNIVERSITY AND CHARLES F.

MADDEN OF STEPHENS COLLEGE (MISSOURI) BRIEFLY RELATED THE ELECTRONIC RESOURCES AVAILABLE AT THEIR RESPECTIVE SCHOOLS. SNOW DESCRIBED WESTERN MICHIGAN'S DORMITORIES, WHICH ARE EQUIPPED WITH MULTICHANNEL AUDIO CLOSED CIRCUITS TO AID STUDENTS IN THEIR STUDIES. MADDEN PRESENTED A BRIEF HISTORY OF TELELECTURES, FOCUSING ON VISUAL AIDS, ESPECIALLY THE ELECTROWRITER. HE CONCLUDED BY DESCRIBING A 16 STATION HOOKUP TO BE IMPLEMENTED IN THE AUTUMN OF 1965 UNDER THE COORDINATION OF STEPHENS COLLEGE. FK

0552C

\*\*\*

0552C

WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES

AMERICAN SCHOOL BOARD JOURNAL 155, P20, MARCH 1968

// WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE

IN DECEMBER OF 1967 WISCONSIN SCHOOL BOARD MEMBERS AND ADMINISTRATORS CONFERRED VIA A TELEPHONE LINK-UP BETWEEN 20 LOCATIONS THROUGHOUT THE STATE. ARRANGED BY THE WISCONSIN ASSOCIATION OF SCHOOL BOARDS (WASB), THIS CONFERENCE DEALT WITH SALARY NEGOTIATIONS AND LEGISLATIVE DEVELOPMENTS AFFECTING PUBLIC EDUCATION. USING TELEPHONE FACILITIES PROVIDED BY UNIVERSITY EXTENSION OF THE UNIVERSITY OF WISCONSIN, THE CONFERENCE CONSISTED OF REPORTS FROM PARTICIPANTS FOLLOWED BY A ROLL CALL QUESTION AND ANSWER PERIOD. ROBERT ZIEMER, WASB PRESIDENT, CALLED THE CONFERENCE 'EXTREMELY SUCCESSFUL.' REPORTS RECEIVED BY THE WASB TERMED THE CONFERENCE 'EXTREMELY VALUABLE,' AND PARTICIPANTS UNANIMOUSLY FAVORED HAVING MORE SUCH CONFERENCES IN THE FUTURE. FK

## TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL

MEDICAL AND BIOLOGICAL ILLUSTRATION 18, P18-23, JAN 1968

// WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS  
EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING

IN NOVEMBER 1965, THE UNIVERSITY OF WISCONSIN MEDICAL CENTER INITIATED A TELELECTURE PILOT PROJECT DESIGNED TO BRING POSTGRADUATE INSTRUCTION TO PHYSICIANS THROUGHOUT WISCONSIN. CONDUCTED OVER LEASED TELEPHONE LINES, PROGRAMS CONSISTED OF A 30-MINUTE TAPED LECTURE, USUALLY ACCOMPANIED BY VISUAL AIDS, FOLLOWED BY A LIVE QUESTION AND ANSWER SESSION. PROGRAMS TRANSMITTED OVER THE NETWORK INCLUDED 1) GENERAL MEDICAL CONFERENCES, WHICH RANDOMLY COVERED MANY SUBJECTS 2) A PEDIATRIC JOURNAL CLUB 3) AN EXPERIMENTAL COURSE IN ELECTROCARDIOGRAPHY AND 4) PROGRAMS FOR ALLIED HEALTH PERSONNEL. IN 1966-67 THE NETWORK EXPANDED GREATLY, AND SOME STATIONS WERE ADDED WHICH RECEIVED PROGRAMS BY RADIO RATHER THAN TELEPHONE. SEVERAL EXPERIMENTS WERE ATTEMPTED, INCLUDING ONE IN WHICH A SERIES OF VETERINARY LECTURES ORIGINATED IN EAST LANSING, MICHIGAN. IN AN ATTEMPT TO ACHIEVE EVALUATION, PRE-TESTS, POST-TESTS AND SIX-MONTH POST-TESTS WERE GIVEN TO THOSE PHYSICIANS TAKING THE ELECTROCARDIOGRAPHY COURSE. RESULTS COMPARED FAVORABLY WITH THOSE OF MEDICAL STUDENTS TAKING THE SAME COURSE IN A CLASSROOM. FK

## REVIEWING LESSONS FOR ABSENTEE STUDENTS

SCHOOL MANAGEMENT 11,2, P15, FEB 1967

// RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III

THE ALVORD SCHOOL DISTRICT IN RIVERSIDE, CALIFORNIA HAS PROPOSED A DIAL-ACCESS SYSTEM WHICH WOULD ALLOW STUDENTS WHO ARE ABSENT FROM SCHOOL TO RECEIVE HOMEWORK ASSIGNMENTS AND BRIEF LESSON SUMMARIES MERELY BY DIALING A TELEPHONE NUMBER. HAVING MADE SOME PROGRESS WITH THIS PROJECT, ALVORD HOPES TO PLACE A FEW SELECTED HIGH SCHOOL COURSES ON DIAL-ACCESS TAPE WITH FEDERAL FUNDS SUPPLIED UNDER ESEA TITLE III. FK

## THE TECHNIQUE OF TELE-LECTURE

NEW YORK STATE EDUCATION 52, P35, MAY 1965

// ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION

THE AUTHOR DESCRIBES THE PLANNING AND PRESENTATION OF A TELE-LECTURE DELIVERED BY DR. WILLIAM HAGENY OF SUC NEW PALTZ TO HIS SEMINAR OF INTERNS IN EDUCATIONAL ADMINISTRATION AT SUC ALBANY. THE SIMPLE AND INEXPENSIVE EQUIPMENT FOR THE LECTURE INCLUDED A MICROPHONE AND RECEIVER ATTACHED BY THE TELEPHONE COMPANY TO THE TELEPHONE LINE IN THE ALBANY SEMINAR ROOM. THE LECTURER USED HIS UNAUGMENTED OFFICE PHONE. BOTH HAGENY AND PARTICIPATING INTERNS WERE GIVEN INFORMATION ABOUT EACH OTHER PRIOR TO THE TELELECTURE. THE ACTUAL SEMINAR INCLUDED A LECTURE BY HAGENY AND A DISCUSSION PERIOD. STUDENT RESPONSE WAS ENTHUSIASTICALLY FAVORABLE. FK

## ELECTRONIC WONDERLAND, HARDINGER OF THE FUTURE

NEW YORK STATE EDUCATION 55, P14-5+, APRIL 1968

// NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO

IN THE FALL OF 1968, A TEAM OF FACULTY MEMBERS OF THE STATE UNIVERSITY COLLEGE AT NEW PALTZ, NEW YORK EXPERIMENTED WITH AN INSTRUCTIONAL SYSTEM THAT UTILIZED FOUR DISTINCT ELECTRONIC TECHNIQUES, TELEVISION, TELE-LECTURE, TALK-BACK AND TELEWRITING. THE FIRST COURSE TO BE OFFERED, EDUCATION LAW, WAS TRANSMITTED FROM NEW PALTZ TO TWO REMOTE CAMPUS CENTERS. A TYPICAL CLASS MEETING BEGAN WITH A HALF-HOUR VIDIOTAPED PRESENTATION ON A SPECIFIC SUBJECT. FOR MANY REASONS, TELEVISION, RATHER THAN FILM, WAS UTILIZED. FOLLOWING THIS PRESENTATION, AN HOUR-LONG TELE-LECTURE EXPANDED UPON THE CHOSEN SUBJECT, WHILE A VICTOR ELECTROWRITER WAS USED AS A VISUAL AID. A 'TALK-BACK' DISCUSSION FOLLOWED, WHICH COULD BE HEARD AT BOTH CAMPUSES BECAUSE OF A CONFERENCE-BRIDGING NETWORK DESIGNED BY THE NEW YORK TELEPHONE COMPANY. RESULTS BASED ON

OF A CONFERENCE-BRIDGING NETWORK DESIGNED BY THE NEW YORK TELEPHONE COMPANY. RESULTS BASED ON FINAL EXAMS AND TERM PAPERS INDICATE THAT COURSE PERFORMANCE WAS ABOUT THE SAME AS WHEN THE COURSE WAS GIVEN FACE-TO-FACE. STUDENTS' REACTION WAS ALSO GENERALLY FAVORABLE, LARGELY BECAUSE OF TELELECTURE'S TIME-SAVING CHARACTERISTICS. FK

0566C

\*\*\* MOOERS, R. WAYNE \* CURETON, JAN W.

0566C

HOMEBOUNC-LESS

AUDIOVISUAL INSTRUCTION 10, P708-9, NOV 1965

// WATERLOO IOWA HOMEROUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTRIP

MANY INNOVATIVE TECHNIQUES, INCLUDING A HOME-TO-SCHOOL TELEPHONE LINKUP, HAVE BEEN UTILIZED BY MRS. FRANCES STRAWN OF WATERLOO, IOWA, AN ITINERENT TEACHER OF THE HOMEBOUND. USED FOR TEACHING BOTH ELEMENTARY AND HIGH SCHOOL STUDENTS, HOMEBOUND EDUCATION IS AIMED AT HELPING STUDENTS CONFINED TO HOSPITALS OR THEIR HOMES KEEP UP WITH THEIR CLASSES IN THE BASIC TOOLS AREAS. TO SUPPLEMENT THE TELEPHONE LINKUP, MRS. STRAWN VISITS HOMEBOUND STUDENTS ABOUT THREE TIMES A WEEK, TAKING WITH HER VISUAL AIDS AND OTHER INSTRUCTIONAL MATERIALS. OCCASIONALLY, INDIVIDUAL AND GROUP FIELD TRIPS ARE PLANNED. PARENTAL COOPERATION IS VITAL. IN HER HOMEBOUND EDUCATION PROGRAM, MRS. STRAWN SEEKS TO FOSTER SOCIAL MATURITY AND GOOD USE OF LEISURE TIME AS WELL AS INTELLECTUAL DEVELOPMENT. FK

0568C

\*\*\* SEYMOUR, MARJORIE H.

0568C

AUDIOVISUALS ENRICH ISOLATED SCHOOLS

INSTRUCTOR 78,1, P154, AUGUST 1968

// CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB

BECAUSE OF THE GREAT SIZE OF CARBON COUNTY, WYOMING, EDUCATORS THERE FELT IT MOST PRACTICAL TO ESTABLISH A LEARNING OR CULTURAL CENTER TO SERVE THE APPROXIMATELY 4,100 SCHOOL CHILDREN IN THE 7,965 SQUARE MILE AREA. THIS CARBON COUNTY COORDINATED INSTRUCTIONAL CENTER (CCCIC) NOT ONLY ACQUIRED AUDIO-VISUAL EQUIPMENT AND INSTRUCTIONAL MATERIALS FOR LOAN TO CARBON COUNTY SCHOOLS, BUT IT ALSO OWNS AND COORDINATES THE USE OF A VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB). THE VERB SYSTEM INCLUDES OVERHEAD PROJECTORS WHICH ALLOW REMOTE LECTURERS TO WRITE AND DRAW IN CONJUNCTION WITH THEIR TELEPHONE LECTURE. BOTH THE GRAPHICS (VERB) AND THE AUDIO ARE TRANSMITTED VIA STANDARD TELEPHONE LINES. THE CCCIC COURSE ENRICHMENT PROGRAM WILL ATTEMPT TO BRING PRESENTATIONS BY NOTED AUTHORITIES TO CARBON COUNTY STUDENTS. THE COST OF SUCH A ONE-HOUR LECTURE FROM A U.S. SENATOR ON THE EAST COAST WAS 56 DOLLARS, OR ONE ONE-HUNDREDTH OF THE COST OF A CLOSED CIRCUIT TV BROADCAST OF EQUAL LENGTH. CM

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 11

REC'D INDEX

0569C

\*\*\* BROWN, SANDRA M.

0569C

TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR

INSTRUCTOR 78,2, P126, OCT 1968

// TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START  
APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC

TELELECTURE WAS A PROJECT CONDUCTED BY EDUCATION, INC. UNDER THE AUSPICES OF THE APPALACHIA  
EDUCATIONAL LABORATORY IN CHARLESTON, WEST VIRGINIA. ITS PURPOSE WAS TO PROVIDE IN-SERVICE  
INSTRUCTION FOR TEACHERS IN REMOTE, EDUCATIONALLY AND ECONOMICALLY DEPRIVED AREAS OF  
APPALACHIA. BECAUSE OF THE DISTANCES INVOLVED AND THE ISOLATION OF THE PREDOMINANTLY ONE-ROOM  
SCHOOLS, SUCH TRAINING WOULD HAVE BEEN IMPOSSIBLE WITHOUT THE SPEAKER PHONE HOOKUPS. DESPITE  
SOME TECHNICAL DIFFICULTIES BECAUSE OF POVERTY AND ISOLATION, THE SYSTEM WORKED EFFICIENTLY.  
THE INSTRUCTOR MET ALL THE STUDENTS PERSONALLY BEFORE THE SIX-WEEK COURSE BEGAN AND  
CORRESPONDED WITH ALL OF THEM REGULARLY. STUDENT RESPONSE WAS ENTHUSIASTIC. CM

0570C

\*\*\* HARRIS, CORNELIA

0570C

DIAL 0 FOR OPERATOR

INSTRUCTOR 73,5, P43, JAN 1969

// PRESCHOOL-ED

THE AUTHOR, A KINDERGARTEN TEACHER, SUGGESTS THAT 'THE TELEPHONE IS AN IDEAL DEVICE ON WHICH TO  
BUILD LEARNING EXPERIENCES IN THE CLASSROOM, BECAUSE IT IS A NORMAL AND FAMILIAR PART OF THE  
CHILD'S HOME LIFE. PLAY PHONES HELP HIM TO ENLARGE HIS VOCABULARY, USE MORE COMPLEX LANGUAGE  
PATTERNS, AND ACQUIRE CONCEPTS OF SOCIAL BEHAVIOR. ROLE PLAYING BECOMES SIGNIFICANT AND LESS  
SELF-CONSCIOUS.' MULTIMEDIA SUPPLEMENTS, INCLUDING BOOKS, FILMSTRIPS, ALBUMS AND POEMS ABOUT  
TELEPHONES, HAVE BEEN USED BY THIS TEACHER TO BUILD APPRECIATION FOR THE TELEPHONE. CM

0571

\*\*\* LEWIS, PHILIP

0571

ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS  
NATION'S SCHOOLS 76,4, P52, OCT 1965

0572C

\*\*\* MOVICK, EUGENE

0572C

WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER  
NATION'S SCHOOLS 78,4, P94, OCT 1966  
// IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I  
UNDER AN ESEA TITLE I GRANT, 1200 TEACHERS SERVING IN SIX SPARSELY POPULATED COUNTY SCHOOL

UNDER AN ESEA TITLE I GRANT, 1200 TEACHERS SERVING IN SIX SPARSELY POPULATED COUNTY SCHOOL

DISTRICTS IN NORTHEAST IOWA ARE RECEIVING IN-SERVICE TRAINING VIA TELEPHONE AND ELECTROWRITER.  
THE AUDIO IS A SIMPLE PHONE CONNECTION. SUPPLEMENTARY NOTES, DRAWINGS AND TRANSPARENCIES ARE  
TRANSMITTED ON ELECTROWRITERS WHICH FUNCTION AS OVERHEAD PROJECTORS. SUPPLEMENTARY WORKSHOPS  
AND MEETINGS ARE HELD TO ROUND OUT THE PROGRAM. TYPICAL COST FOR A ONE AND ONE-HALF-HOUR  
PROGRAM IS 300 DOLLARS (EXCLUDING EQUIPMENT COSTS). CM

0573C

\*\*\* BEHRENS, JOHN H.

0573C

MULTIMEDIA FIELDTRIP REPLACEMENTS  
AUDIOVISUAL INSTRUCTION 12,7, P714-5, SEPT 1967  
// ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS

THIS ARTICLE DESCRIBES MULTIMEDIA TELELECTURES USED BY THE FACULTY OF THE COLLEGE OF AGRICULTURE,  
UNIVERSITY OF ILLINOIS, IN LIEU OF TYPICAL FIELD TRIPS. SUCH MULTIMEDIA REPLACEMENTS HAVE MANY  
ADVANTAGES OVER TYPICAL FIELD TRIPS BECAUSE OF THE MANY PROBLEMS INHERENT IN THE 'REALTHING.'  
IN PLANNING A MULTIMEDIA FIELD TRIP, A PROFESSOR VISITS A SELECTED RESOURCE WHERE COLOR SLIDES  
AND/OR MOTION PICTURES ARE MADE. THESE PICTURES ARE SHOWN ON A REMOTE SLIDE PROJECTOR AND A  
MOTION PICTURE PROJECTOR, WHILE A DISCUSSION IS HELD OVER CONFERENCE AMPLIFIED TELEPHONE  
EQUIPMENT BETWEEN STUDENTS AND AN EXPERT AT THE SITE OF THE RESOURCE. OFTEN, AN OVERHEAD  
PROJECTOR AND PRINTED HANDOUTS ARE ALSO UTILIZED. FK

0574C

\*\*\* DAVID, AUSTIN, F.S.C.

0574C

THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS  
AUDIOVISUAL INSTRUCTION 13, P1088-90, DEC 1968

0580C

\*\*\*

0580C

XEROX OFFERS FACSIMILES BY PHONE

PRINTER'S INK 292, P52, MAY 27, 1966

// TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVUX-CO LDX COAXIAL-CABLE

\*THE XEROX MAGNAFAX TELECOPIER, INTRODUCED AND DEMONSTRATED SIMULTANEOUSLY IN NEW YORK AND LOS ANGELES, IS A DESK-TOP COPIER WHICH CONVERTS LIGHT SIGNALS INTO SOUNDS WHICH ARE PICKED UP BY A TELEPHONE RECEIVER, TRANSMITTED, AND RECONVERTED INTO LIGHT SIGNALS AT THE OTHER END. TRANSMISSION OF AN 8 AND ONE-HALF INCH BY 11 INCH PAGE TAKES ABOUT SIX MINUTES. A HALF-PAGE WOULD TAKE THREE MINUTES AND A SIGNATURE ONLY 30 SECONDS.\* THE TELECOPIER IS 11 BY 18 BY 15 INCHES, WEIGHS 46 POUNDS AND IS POWERED BY A STANDARD 110-VOLT OUTLET. TELECOPIER DIFFERS FROM LONG-DISTANCE-XEROX (LDX) IN THAT THE FORMER TRANSMITS OVER A TELEPHONE LINES, WHILE LDX TRANSMITS OVER COAXIAL CABLE. CM

0585C

\*\*\* BEILIS, MICHEL

0585C

TELELECTURE, A NEW LOOK

BELL TELEPHONE MAGAZINE 43,2, P40-5, SUMMER 1964

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## REC'D INDEX

PAGE 12

0589C

\*\*\* SHAW, JOHN H.

0589C

THE MEDICAL SCHOOL OF THE AIR

MEDICAL JOURNAL OF AUSTRALIA 1, P869-71, JUNE 5, 1965

// SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE

THE UNIVERSITY OF NEW SOUTH WALES HAS SPONSORED A SERIES OF POSTGRADUATE LECTURES FOR PRACTICING PHYSICIANS THROUGHOUT SOUTHEAST AUSTRALIA. CALLED THE MEDICAL SCHOOL OF THE AIR, THIS LECTURE SERIES COVERS NUMEROUS SUBJECTS AND IS HEARD OVER RADIO UNIVERSITY, THE ONLY AUSTRALIAN RADIO STATION LICENSED ENTIRELY TO AN EDUCATIONAL ENTITY. TRANSMITTERS ARE LOCATED IN SYDNEY AND WOLLONGONG. DESIGNED FOR THE GENERAL PRACTITIONER, THE SERIES BEGAN IN 1962 AND HAS EXPANDED GREATLY SINCE THEN, AS SHOWN BY GRAPHS CONTAINING FIGURES ON THE SYSTEM'S ENROLLMENT AND QUANTITY OF BROADCASTS. A TAPE-RECORDING SERVICE IS AVAILABLE TO PHYSICIANS WHO CANNOT RECEIVE PROGRAMS VIA RADIO, AND PRINTED MATERIALS ARE MAILED OUT PRIOR TO EACH PROGRAM. THE SYSTEM ALSO REBROADCASTS SELECTED MEDICAL PROGRAMS TRANSMITTED OVER THE UNIVERSITY OF SYDNEY'S LAND-LINE SYSTEM. HAVING A DISTINGUISHED ADVISORY COMMITTEE, THE MEDICAL SCHOOL OF THE AIR HAS PROVIDED AN EXCELLENT EXAMPLE OF INTER-UNIVERSITY COOPERATION AND COLLABORATION BETWEEN VARIOUS PROFESSIONAL BODIES. FK

0591C

\*\*\* BLOCK, VICTOR

0591C

HOW DOCTORS KEEP UP

TODAY'S HEALTH 45, P56+, AUGUST 1967

0592C

\*\*\* DAVID, AUSTIN, F.S.C.

0592C

TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY

NATIONAL CATHOLIC EDUCATION ASSOCIATION BULLETIN 65, P25-30, MAY 1969

0593C

\*\*\* LAZC, N.

0593C

CONFERENCE ARRANGEMENT FOR NORAD

BELL LABORATORY RECORD 42,7, P253-7, JULY-AUGUST 1964

// NETWORKS MILITARY-USE

'IF THERE IS A RED ALERT OR ACTUAL ENEMY ATTACK, THE MILITARY COMMAND POSTS MUST IMMEDIATELY CONTACT MANY ARMED SERVICES OPERATIONAL CENTERS AND ISSUE ORDERS COVERING RETALIATORY AND DEFENSE ACTION. THESE INSTRUCTIONS COULD NORMALLY BE ISSUED OVER RADIO FACILITIES. HOWEVER, SINCE THESE CHANNELS MIGHT BE EITHER MONITORED OR JAMMED BY THE ENEMY, A TELEPHONE AUTOMATIC CONFERENCING ARRANGEMENT NOW PROVIDES AN ALTERNATE MEANS OF TRANSMITTING ORDERS. IN ADDITION,

CONFERENCING ARRANGEMENT NOW PROVIDES AN ALTERNATE MEANS OF TRANSMITTING ORDERS. IN ADDITION,

THIS ARRANGEMENT PERMITS TWO-WAY TRANSMISSION BETWEEN THE COMMAND POST AND THE OPERATIONAL CENTERS WITHOUT REVEALING THE POSITIONS. THE SYSTEM CAN CONNECT THE CONFERENCE ORIGINATOR TO ALL CONFEEE STATIONS IN A MINIMUM OF TIME, PROVIDE MAXIMUM RELIABILITY IN CASE OF TROUBLE WITHIN THE SWITCHING SYSTEM, AND FUNCTION DURING AND AFTER AN ENEMY ATTACK.' THE AUTHOR PRESENTS A TECHNICAL DESCRIPTION OF THIS CONFERENCING SYSTEM AND CONCLUDES THAT, 'THE AUTOMATIC CONFERENCING ARRANGEMENT MIGHT BE ADAPTED FOR USE IN OTHER AREAS WHERE INFORMATION FROM THE ORIGINATING POINT IS TRANSMITTED SIMULTANEOUSLY TO A NUMBER OF TERMINATING POINTS SUCH AS THE DATA TRANSMISSION AREA.' LC



EDUCATION BY TELEPHONE

BELL LABORATORY RECORD 42.1, P19, JAN 1964

// DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS

THE APPLICATION OF TELEPHONE EQUIPMENT TO EDUCATIONAL NEEDS IS CAUSING '...A QUIET REVOLUTION THAT IS CHANGING TRADITIONAL TEACHING CONCEPTS.' IN USING THE TELELECTURE TECHNIQUE A PROFESSOR'S LECTURE IS RELAYED OVER TELEPHONE CIRCUITS TO OTHER COLLEGES, WHERE IT IS AMPLIFIED AND FED THROUGH SPEAKERS TO THE STUDENTS. VISUAL AIDS MAY BE USED IN CONJUNCTION WITH THE LECTURE AND MICROPHONES ALLOW DISTANT LISTENERS TO ASK QUESTIONS. THE UNIVERSITY OF OMAHA HAS CONDUCTED A NUMBER OF SUCCESSFUL EXPERIMENTAL TELELECTURES AND A CONFERENCE DESIGNED '...TO ACQUAINT BOTH EDUCATORS AND TELEPHONE COMPANY OFFICIALS WITH THE POSSIBILITIES OF TELE-LECTURE.' MANY EDUCATORS HAVE ACCLAIMED THIS NEW LECTURING TECHNIQUE. IT MAY RELIEVE TEACHER SHORTAGES, AS IT CAN PROVIDE STUDENTS, ESPECIALLY THOSE AT SMALL COLLEGES, WITH INSTRUCTION BY THE FINEST TEACHERS AVAILABLE. INDEED, IT PROVES '...THAT THE USES AND BENEFITS OF TELEPHONE SERVICE ARE AS VARIED AS MAN'S IMAGINATION.' WH

\*\*\* HOYLER, ROBERT C.

TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS

IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 15, P120-3, FEB 1967

// ECHO DELAY 'CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS

\*THIS PAPER DESCRIBES A SYSTEM WHICH CAN CONFERENCE UP TO SEVERAL HUNDRED 4-WIRE TELEPHONE CIRCUITS WITH SUFFICIENT RETURN LOSS TO PREVENT OBJECTIONABLE FAR-END ECHO EFFECTS. THE CAUSES AND PROBLEMS OF ECHO IN SUCH CONNECTIONS ARE DISCUSSED, AS WELL AS THE ADVANTAGES AND LIMITATIONS OF OTHER METHODS USED FOR CORRECTING THIS SITUATION. THE METHOD DESCRIBED USES A TIME-DIVISION ECHO TREATMENT SCHEME WITH A SIMPLE COMMON-BUS CONFERENCING TECHNIQUE. EACH TRANSMIT LINE IS SAMPLED AT THE NYQUIST RATE DURING WHICH TIME ITS CORRESPONDING RECEIVE LINE IS DISCONNECTED FROM THE BUS FOR THE DURATION OF THE SAMPLE TIME, THUS ELIMINATING THE RETURN PATH THROUGH THE CONFERENCE BUS. TO DEMONSTRATE FEASIBILITY, A WORKING SYSTEM IS DESCRIBED WHICH PROVIDES A RETURN LOSS OF AT LEAST 50 DB BELOW TRANSMISSION LEVEL WHEN THREE OUT OF A POSSIBLE 20 4-WIRE LINES ARE CONFERENCED.' \*THE USE OF LARGE, LONG DISTANCE CONFERENCES IS BECOMING VERY IMPORTANT IN WORLDWIDE VOICE AND DATA COMMUNICATIONS FOR MILITARY AND SPACE PURPOSES, AND SATELLITE LINKS COULD INTRODUCE APPRECIABLE TRANSMISSION DELAYS EVEN FOR RELATIVELY SHORT TERMINAL SEPARATIONS. SINCE THIS SYSTEM FEATURES THE COMBINATION OF LARGE CAPACITY, HIGH RETURN LOSS, AND IMMEDIATE BREAK-IN THAT IS DESIRABLE FOR SUCH APPLICATIONS, IT APPEARS TO BE A USEFUL SOLUTION TO THE PROBLEMS ENCOUNTERED WITH 4-WIRE CONFERENCING FOR VOICE OR FULL-DUPLEX DATA.' AUTHOR'S ABSTRACT WITH NOTE ADDED BY LC.

## REC'D INDEX

0597C

\*\*\* KUEBLER, WILLIAM P.

0597C

A MULTIPORT TELEPHONE CONFERENCE BRIDGE

IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 16,1, P168-72, FEB 1968

// NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE

'CONFERENCE BRIDGES ALLOW A NUMBER OF REMOTELY LOCATED TELEPHONE SUBSCRIBERS TO HOLD A CONFERENCE. A NEW BRIDGE USING SOLID-STATE CIRCUITRY AND A PLUG-IN MODULE-TYPE EQUIPMENT ARRANGEMENT HAS BEEN DESIGNED. THE NUMBER OF PARTICIPANTS IN A CONFERENCE CALL VARIES. THE CAPABILITY AND FLEXIBILITY REQUIRED HAVE BEEN ACHIEVED BY DESIGNING A 30-PORT BRIDGE THAT CAN BE SUBDIVIDED INTO FIVE SEPARATE 6-PORT GROUPS. THESE GROUPS CAN THEN BE COMBINED TO SERVICE LARGE OR SMALL GROUPS OF SUBSCRIBERS. WHEN LARGE NUMBERS OF TWO-WIRE SUBSCRIBERS ARE CONNECTED TOGETHER, THE SUM OF THE RETURNING ECHOES IS SUBSTANTIAL. IN THE NEW BRIDGE, EACH PORT IS EQUIPPED WITH A VOICE ACTIVATED GAIN SWITCH THAT KEEPS A FIXED AMOUNT OF LOSS IN EACH OF THE TWO-WIRE LOOPS.' 'A MODEL OF THE MULTIPORT BRIDGE HAS BEEN IN SERVICE ON A TRIAL BASIS FOR EIGHT MONTHS. THE EASE OF OPERATION AND IMPROVED TRANSMISSION CHARACTERISTICS WERE NOTED AND COMMENTED UPON BY OPERATING PERSONNEL ALMOST IMMEDIATELY.' AUTHOR'S ABSTRACT WITH NOTE ADDED BY LC.

0598C

\*\*\* MITCHELL, DOREN

0598C

GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS

IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 16,1, P163-7, FEB 1968

// NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING  
LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON

'A GENERAL DISCUSSION OF THE TRANSMISSION PROBLEMS INVOLVED IN TELEPHONE CONFERENCE SYSTEMS DUE TO NOISE, ECHO, AND SINGING IS PRESENTED. THE APPLICATION OF VOICE SWITCHED LOSS SEEMS TO BE THE BEST WAY TO ALLEVIATE THESE DIFFICULTIES. NEW PROBLEMS MUST NOW BE CONSIDERED DUE TO WEAK TALKERS AND OCCASIONAL SIMULTANEOUS TALKING. TWO TYPES OF CONFERENCE CONNECTIONS ARE DISCUSSED. FIRST, WHEN THREE OR MORE TELEPHONES ARE CONNECTED TOGETHER, AND SECOND, WHEN GROUPS OF PEOPLE AT TWO OR MORE LOCATIONS TALK BACK AND FORTH USING MICROPHONES AND LOUDSPEAKERS. RECENT WORK DISCUSSED HERE PROVIDES SUBSTANTIAL TRANSMISSION IMPROVEMENT FOR THIS TYPE OF SERVICE.' AUTHOR'S ABSTRACT

0602C

\*\*\* WOOLSEY, FRANK M., JR. \* STRAUSS, WILLIAM T.

0602C

POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION

JOURNAL OF THE MAINE MEDICAL ASSOCIATION 55, P172-3, SEPT 1964

0605C

\*\*\* MONTS, ELIZABETH A. \* PETERSON, BERNADINE H.

0605C

GRADUATE TEACHING BY TELEPHONE AND RADIO

0661

\*\*\* DREYFUS, LEE S. \* GUMPERT, GARY

0661

STUDENTS VISIT VIA SATELLITE

NAEB JOURNAL, P6-13, MAY-JUNE 1966

0680C

\*\*\* DREYFUS, LEE S. \* LOOFBORD, PAUL M.

0680C

FIRST INTERCONTINENTAL TV CLASSROOM

AMERICAN SCHOOL BOARD JOURNAL 151, P29+, SEPT 1965

// INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED  
CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV  
RADIODIFFUSION-TELEVISION-FRANCAISE

THE EARLY BIRD COMMUNICATIONS SATELLITE WAS USED ON MAY 31, 1965 TO PROVIDE A TELEVISION LINK BETWEEN FRENCH STUDENTS OF THE ENGLISH LANGUAGE IN THE LYCEE HENRI IV IN PARIS AND AMERICAN, FRENCH LANGUAGE STUDENTS IN WEST BEND HIGH SCHOOL, WEST BEND, WISCONSIN. 'THE AMERICAN STUDENTS SPOKE IN FRENCH AND THE FRENCH STUDENTS SPOKE ENGLISH.' THE AUTHORS DESCRIBE THE ARRANGEMENTS MADE WITH WHA-TV AND RADIODIFFUSION-TELEVISION FRANCAISE FOR THE TELEVISION PRODUCTION, WITH THE WISCONSIN TELEPHONE COMPANY AND COMSAT FOR THE MICROWAVE CONNECTION AND GROUND STATION USE AND WITH AT&T FOR THE FREE USE OF THE SATELLITE. THE LINK COST APPROXIMATELY 4,000 DOLLARS FOR THE LAND LINES BETWEEN WISCONSIN AND THE SATELLITE GROUND STATION IN MAINE. EDUCATIONALLY, THE EXPERIMENTAL LINK PROVIDED THE EXCITEMENT OF PARTICIPATION IN A SIGNIFICANT EXPERIMENT, THE OPPORTUNITY TO SPEAK A FORMALLY LEARNED, SECOND LANGUAGE WITH NATIVE SPEAKERS AND SPONTANEOUS LIVE EXCHANGE OF CONVERSATION ACROSS CULTURES. THE STUDENTS BECAME CONSCIOUS OF CERTAIN CULTURAL DIFFERENCES, WHILE COMING TO APPRECIATE SHARED TASTES AND INTERESTS. INDEED, THE EXCHANGE PROVIDED CONSIDERABLE MOTIVATION FOR THE CONTINUATION OF LANGUAGE STUDY. DREYFUS AND LOOFBORD URGE THE GOVERNMENT TO TAKE IMMEDIATE ADVANTAGE OF THIS TECHNOLOGICAL TOOL FOR ITS SOCIAL AND EDUCATIONAL USES. 'WE MIGHT GENERALLY SAY THAT THIS WOULD SEEM TO BE A SURE-FIRE METHOD OF INCREASING INTERNATIONAL UNDERSTANDING. IN THIS IT WOULD RESEMBLE THE AMERICAN FIELD SERVICE AND OTHER EXCHANGE PROGRAMS NOW IN EXISTENCE, WITH THE VERY OBVIOUS ADVANTAGE OF DIRECTLY AND PERSONALLY INVOLVING MORE PERSONS THAN ANY OF THE PRESENT PROGRAMS WITH A SIMILAR GOAL COULD HOPE TO DO.' WH

4000C

\*\*\* U.S. ARMY

4000C

COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES

ARMY REGULATIONS NO. 105-40. WASHINGTON, HEADQUARTERS. DEPARTMENT OF THE ARMY, 1967

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 14

REC'D INDEX

4002C

\*\*\*

4002C

THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF

ESEA TITLE III TELE-WRITER PROJECT. STEVENS POINT, UNIVERSITY OF WISCONSIN. 6P

// ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED  
EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III

THIS BROCHURE DESCRIBES THE IN-SERVICE EDUCATION PROGRAM OF THE ESEA TITLE III TELE-WRITER PROJECT CONDUCTED AT WISCONSIN STATE UNIVERSITY-STEVENSON POINT BETWEEN 1967 AND 1970. THIS PROGRAM WAS DEVELOPED TO PROVIDE CONTINUOUS IN-SERVICE EDUCATION ON A COOPERATIVE BASIS IN THE WISCONSIN SCHOOL DISTRICTS OF ANTIGO, MOSINEE, ROTHSCHILD-SCHOFIELD AND WAUSAU BY FILLING THE EXPRESSED IN-SERVICE NEEDS OF THE TEACHERS DURING THE SCHOOL DAY. THE PROGRAM UTILIZES THE MEDIA OF TELELECTURE AND ELECTROWRITER. EACH SCHOOL DISTRICT HAS ONE LISTENING STATION EQUIPPED WITH AN ELECTROWRITER RECEIVER TO PROJECT VISUAL AIDS. THE AUDIO IS RECEIVED VIA A SPEAKER AND INTERACTION IS CONDUCTED VIA REGULAR TELEPHONE LINES. THE LECTURING STATION AT STEVENSON POINT UTILIZES A HANDS-FREE MICROPHONE, SPEAKER AND AN ELECTROWRITER TRANSMITTER. EVALUATION IS CONDUCTED BY MEANS OF A POST-MEETING REACTION SHEET AND AN ATTENDANCE CARD. OTHER PROGRAMS IN THE PROJECT INCLUDE THE INCREASED USE OF PARAPROFESSIONALS, THE STUDY OF CURRICULAR POLICIES AND PROCEDURES AND IN-SERVICE TRAINING FOR CURRICULAR CHANGE, AND AN ADMINISTRATOR DEVELOPMENT PROGRAM. THE PAMPHLET LISTS TELE-WRITER PROGRAMS FOR IN-SERVICE EDUCATION. KS

4008C

\*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT

4008C

LONG-DISTANCE SEMINARS

// ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV  
INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION  
POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST

IN APRIL 1968, THE BRITISH INTER-UNIVERSITY RESEARCH UNIT CONDUCTED LONG-DISTANCE SEMINARS LINKING THE UNIVERSITIES OF CAMBRIDGE AND EDINBURGH. CONFRAPHONE EQUIPMENT, CONSISTING OF TABLE MICROPHONES, SMALL OMNIDIRECTIONAL SPEAKERS AND TWO REGULAR TELEPHONE CIRCUITS, WAS USED TOGETHER WITH THE ELECTROWRITER, WHICH ACTS AS A REMOTE BLACKBOARD AND '...CAN BE USED IN EITHER DIRECTION OVER A SINGLE TELEPHONE CIRCUIT.' SINCE THIS TRIAL LASTED ONLY TEN DAYS, A FURTHER EXPERIMENT WAS CONDUCTED BETWEEN OCTOBER 20, AND NOVEMBER 7, 1969. THE JOINT SCHOOL OF PROBABILITY AND STATISTICS IN THE UNIVERSITIES OF SHEFFIELD AND MANCHESTER USED THESE DEVICES TO CONDUCT POSTGRADUATE SEMINARS LINKING ITS TWO BRANCHES. THE RESULTS SUBSTANTIATED THOSE OF THE EARLIER TRIAL. NEGATIVE CRITICISM WAS LARGELY CONFINED TO TECHNICAL DETAIL, SUCH AS THE INABILITY OF THE ELECTROWRITER TO RECALL PREVIOUSLY WRITTEN INFORMATION. INDEED, MOST PARTICIPANTS TERMED THE EXPERIMENTAL LINK VERY SUCCESSFUL. THIS SYSTEM PROVIDES AN INEXPENSIVE WAY OF LINKING ACADEMICS TOGETHER, AND IF SHEFFIELD AND MANCHESTER UNIVERSITIES INSTALL IT PERMANENTLY, THE LINK MAY WELL BEGIN AN EXTENSIVE INTER-UNIVERSITY NETWORK. WH

4009A

\*\*\* GORCSCH, MAX

4009A

TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING

INTERNATIONAL REVIEW OF APPLIED LINGUISTICS IN LANGUAGE TEACHING 5,2/3, P123-39, JULY 1967. ERIC  
ED 013 034

// SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED  
ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION

PROFICIENCY IN ENGLISH IS A REQUIREMENT IN SWEDEN FOR VOCATIONAL SCHOOL TEACHERS. TEACHING BY TELEPHONE WAS EXPERIMENTED WITH IN AN ATTEMPT TO CREATE A RESERVE OF THESE TEACHERS WHO WOULD MEET THE REQUIRED PROFICIENCY LEVEL. CANDIDATES WHO PASSED AN INITIAL PROFICIENCY TEST FOLLOWED A COURSE FOR FOUR MONTHS IN WHICH SELF-INSTRUCTIONAL BOOKS WITH TAPES WERE USED, SUPPLEMENTARY MATERIALS WERE STUDIED, AND 15 TO 20 MINUTE TELEPHONE LESSONS WERE GIVEN EACH SECOND WEEK. THIS ARTICLE DESCRIBES, WITH SPECIFIC DETAILS, THE OBJECTIVES OF THE COURSE, THE INITIAL AND FINAL TESTS OF LANGUAGE SKILLS, THE BASIC COURSE MATERIALS, AND THE PROCEDURES AND CONTENT OF THE TELEPHONE LESSONS. THE RESULTS OF THE TELEPHONE COURSE ARE EVALUATED IN TERMS OF THEIR PRACTICAL APPLICABILITY, THE DEVELOPMENT OF THE TEST, AND THE ATTITUDES OF THE PARTICIPANTS. THERE WAS SOME NOTICEABLE GAIN IN PRONUNCIATION FEATURES, AND ALTHOUGH ADVANCEMENT WAS UNEQUAL AMONG THE PARTICIPANTS, SEVERAL FOUND, DESPITE THE UNNATURAL SITUATION WITH THE TELEPHONE, THAT THE TELEPHONE CALLS SERVED AS A GOOD STIMULUS FOR PREPARING THE SELF-INSTRUCTIONAL COURSE. (SS). ERIC

## TELEPHONIC SEMINAR IN FOREIGN-RELATIONS

COLUMBIA, MISSOURI, SCHOOL DISTRICT PROJECT NUMBER DPSC-68-5728. 35P. PAGE ES 002 13J

// COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY

FOREIGN POLICY/CURRENT EVENTS SEMINARS WILL BE ARRANGED FOR HIGH SCHOOL STUDENTS THROUGH AN AMPLIFIED TELEPHONE HOOKUP TO THE DEPARTMENT OF STATE IN WASHINGTON, D.C. A SERIES OF FIVE MONTHLY SEMINARS WILL BE PLANNED. IN ADDITION, A LIVE KEYNOTE ADDRESS AND A LIVE RESUME CONCLUSION WILL BE OFFERED. THE SEMINARS WILL BE SCHEDULED IN THE EVENING IN THE HIGH SCHOOL AUDITORIUMS TO ENCOURAGE COMMUNITY ATTENDANCE. SPEAKERS WILL TALK FROM 20 TO 30 MINUTES AND WILL THEN ANSWER QUESTIONS DIRECTED FROM THE AUDIENCE. A PANORAMA OF APPROPRIATE VISUAL AIDS WILL BE ON STAGE WHILE THE AMPLIFIED LONG-DISTANCE CALL IS BEING PRESENTED. SLIDES OF THE AREA UNDER DISCUSSION WILL BE FURNISHED IN ADVANCE BY THE SPEAKER. A CORE GROUP OF 150 HIGH SCHOOL STUDENTS WILL BE CONSIDERED ACTIVE PARTICIPANTS. AS PART OF THEIR INDEPENDENT STUDY PROGRAM, CORE STUDENTS WILL CONDUCT EXTENSIVE PRESEMINAR RESEARCH ON THE AREA TO BE DISCUSSED. IN ADDITION, AN OBSERVER CORPS OF 350 STUDENTS AND ADULTS WILL PARTICIPATE IN THE SEMINARS. A SOCIAL STUDIES AND POLITICAL SCIENCE PROFESSOR FROM A NEARBY UNIVERSITY WILL DIRECT INDIVIDUALIZED STUDY, COORDINATE THE TOTAL PROGRAM, AND DIRECT STUDENT FOCUS ON THE SPEAKER'S REMARKS IN FOLLOWUP SESSIONS. APPROXIMATELY 503 STUDENTS, GRADES 7-12, AND ADULTS WILL BE SERVED. (DC) PAGE

## INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF

WAUSAU, WISCONSIN, JOINT SCHOOL DISTRICT 1 PROJECT NUMBER DPSC-67-3560. 70P. PAGE ES 001 489

// WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER

INSERVICE TRAINING FOR TEACHERS AND ADMINISTRATORS WILL BE INDIVIDUALIZED ON A SMALL-GROUP BASIS THROUGH THE USE OF TELECOURSES IN A THREE-COUNTY AREA. PROGRAMS WILL BE IMPLEMENTED THROUGH THE USE OF AMPLIFIED TELEPHONE RECEIVERS AND REMOTE BLACKBOARD TELEWRITERS IN A CENTRAL CONFERENCE AREA AT EACH SCHOOL LOCATION. SPECIALISTS OR PROFESSORS IN THE AREAS OF TEACHER NEEDS WILL TRANSMIT THEIR PRESENTATIONS FROM A CENTRAL LOCATION AT A NEIGHBORING UNIVERSITY. TRAINING SESSIONS WILL BE SCHEDULED DURING THE SCHOOL DAY. SUBJECT AREAS INCLUDE 1) AN ADMINISTRATOR DEVELOPMENT PROGRAM COVERING ORIENTATION AND INTERNSHIPS 2) STUDIES OF CURRICULAR POLICIES AND PROCEDURES FOR ANALYSIS, DESIGN, AND DEVELOPMENT OF CURRICULUM AND 3) A MODEL FOR INTRODUCTION OF CHANGE AND INSERVICE EDUCATION AS A PART OF THE PROFESSIONAL DAY. CHANGE WILL BE IMPLEMENTED THROUGH A NEW DESIGN FOR STAFF UTILIZATION INCLUDING TEACHING TEAMS FOR EACH TWO GRADE LEVELS IN THE ELEMENTARY SYSTEM. A TEACHER FROM EACH TEAM WILL SERVE AS A LIAISON WITH THE ADMINISTRATIVE STAFF. TEACHER AIDES OR PARAPROFESSIONALS WILL BE INCLUDED TO ALLOW THE FLEXIBILITY NEEDED FOR TEACHERS TO PARTICIPATE IN THE INSERVICE PROGRAM. A COMMITTEE OF EIGHT TEACHERS, TWO PRINCIPALS AND A MEMBER OF THE CENTRAL STAFF FROM EACH SCHOOL DISTRICT WILL DETERMINE TRAINING NEEDS FOR THE PROGRAM AND ACT AS A LIAISON FOR INTERDISTRICT COORDINATION. APPROXIMATELY 849 STAFF MEMBERS WILL BE INVOLVED IN THE PROGRAM AND 18,021 STUDENTS WILL BE SERVED. (MC). PAGE

4014A

\*\*\* AULT, LESLIE H.

4014A

## A SITUATION TEST OF TRAINING EFFECTIVENESS

NEW YORK, XEROX CORPORATION, 1968. 10P. ERIC ED 019 625

// VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION

AS PART OF THE EVALUATION OF A MULTIMEDIA COURSE FOR MANAGERIAL PERSONNEL ON PROBLEM-SOLVING DISCUSSIONS, A SPECIAL CASE WAS DEVELOPED TO TEST TRAINEES' APPLICATION OF THEIR SKILLS IN A NEW SETTING. THE CASE PLACED EACH SUBJECT IN THE ROLE OF A PLANT MANAGER WITH A PROBLEM TO SOLVE, WITH TWO SUBORDINATES AVAILABLE FOR CONSULTATION. THE ROLES OF THE SUBORDINATES WERE CAREFULLY STRUCTURED, AND THE PEOPLE PLAYING THESE ROLES WERE NOT INFORMED AS TO THE NATURE OF THE EXPERIMENT. A TOTAL OF 30 SALES MANAGERS FROM TWO COMPANIES TOOK PART. FOURTEEN HAD BEEN TRAINED THREE MONTHS PREVIOUSLY, AND 16 WERE CONTROLS. EACH SUBJECT WAS GIVEN BACKGROUND INFORMATION AND THEN PLAYED THE CASE OVER THE TELEPHONE AT AN APPOINTED HOUR. THE SOLUTIONS TO THE PROBLEM WERE GRADED ON THE BASIS OF A PREESTABLISHED SCALE. THE RESULTS SHOWED THAT MANAGERS WITH TRAINING REACHED BETTER SOLUTIONS AND REACHED THEM FASTER THAN MANAGERS WITHOUT TRAINING. THE USE OF THE TELEPHONE, DICTATED BY THE GEOGRAPHICAL DISPERSION OF THE SUBJECTS, PROVED FEASIBLE, THUS SUGGESTING APPLICATIONS IN TRAINING AND RESEARCH, PARTICULARLY WHERE VERBAL INTERACTION IS BEING STUDIED. (AUTHOR/RT). ERIC

4015A

\*\*\* EDUCATION INCORPORATED, CHARLESTON, WEST VIRGINIA \* BROWN, SANDRA M.

4015A

HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA

CHARLESTON, WEST VIRGINIA, EDUCATION INCORPORATED, 1967. 39P. ERIC ED 017 163

// WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY

THIS DOCUMENT DESCRIBES THE PROCEDURES INVOLVED IN A FEASIBILITY STUDY FOR TELELECTURE IN-SERVICE TEACHER TRAINING IN APPALACHIA. PROCEDURES ARE DISCUSSED IN SIX SECTIONS 1) PROJECT PLANNING BASED ON A SURVEY OF THE LITERATURE CONCERNING TELELECTURES 2) SELECTION OF PARTICIPANTS 3) SELECTION OF TRAINING MATERIALS 4) PLANNING AND IMPLEMENTING A MATERIALS WORKSHOP 5) PLANNING AND IMPLEMENTING THE TELELECTURE CONFERENCE SERIES 6) EVALUATION. A FINAL SECTION GIVES CONCLUSIONS AND RECOMMENDATIONS. A BIBLIOGRAPHY ON TELELECTURES IS INCLUDED. (LH). ERIC

PROJECT EAR, EDUCATIONAL AMATEUR RADIO

OCTOBER 1966. MIMED. 19P

// HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK

SPEAKERPHONE AMATEUR RADIO TRANSMISSION WAS USED EXPERIMENTALLY DURING THE 1964-65 SCHOOL YEAR TO LINK HARRISON AVENUE ELEMENTARY SCHOOL IN HARRISON, NEW YORK WITH A RURAL SCHOOL IN UYUMBICHO, ECUADOR. THE SUCCESS OF THIS PROJECT LED TO AN EXPANSION IN THE SCHOOL'S USE OF RADIO DURING THE FOLLOWING TWO YEARS. PUPILS INTERVIEWED AN OUTSTANDING CHILDREN'S WRITER, ESTABLISHED CONTACTS WITH CHILDREN ON INDIAN RESERVATIONS AND COMMUNICATED WITH WEATHER STATIONS AROUND THE WORLD, WHILE A TEACHER DISCUSSED HER STUDY ON AFRICA WITH TEACHERS WORKING ON THAT CONTINENT. AMATEUR RADIO PERMITS LEARNERS TO TAP PRIMARY RESOURCES IN MOMENTS. MATERIAL DISCUSSED IN CLASS CAN BE INSTANTLY VERIFIED AND THUS TAKES ON AN IMMEDIATE REALITY. A CHILD CAN COMPARE HIS PARTICULAR SITUATION WITH THOSE OF CHILDREN IN OTHER CULTURES. HE LEARNS EFFECTIVE COMMUNICATION SKILLS IN PRACTICE AND OFTEN HE IS MOTIVATED TO CARRY OUT RESEARCH. KLUGMAN STRESSES THE NECESSITY OF OBTAINING THIRD PARTY TRAFFIC WAIVERS AND CALLS FOR THE ESTABLISHMENT OF AN INTERNATIONAL EDUCATION NETWORK. HE BELIEVES THAT SPEAKERPHONE AMATEUR RADIO TRANSMISSION CAN PROVIDE A MAJOR EDUCATIONAL RESOURCE. 'THE VOICES OF THE WORLD ARE AT THE DOORSTEP OF EVERY CLASSROOM...' WH

FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY

WASHINGTON, LIBRARY OF CONGRESS. INFORMATION SYSTEMS OFFICE, 1967. 26P. ERIC ED 016 492

// TELECOPIER XEROX-MAGNAFAX-TELECOPIER LEX BIBLIOGRAPHY

FIVE SYSTEMS, ALL OF WHICH HAVE INVESTIGATED OR ARE INVESTIGATING THE USES OF FACSIMILE EQUIPMENT AS APPLIED TO LIBRARIES, ARE SURVEYED. THE EQUIPMENT OF EACH PROJECT, INCLUDING NECESSARY COMMUNICATION LINKS, IS DESCRIBED, AS WELL AS THE RESULTS OF THOSE EXPERIMENTS NOW COMPLETED. IF TELEFACSIMILE IS TO BE USEFUL, A NEED FOR A CHANGE IN SOME INTERLIBRARY LOAN PROCEDURES IS INDICATED. OTHER CONCLUSIONS OF THE STUDY ARE 1) THAT FACSIMILE TRANSMISSION IS TECHNICALLY AND ECONOMICALLY FEASIBLE NOW FOR MANY LIBRARY SYSTEMS, EVEN THOUGH BOUND VOLUMES STILL CANNOT BE HANDLED BY PRESENT EQUIPMENT AND 2) THAT CURRENT DEVELOPMENTS AND PLANNING BY MANUFACTURERS WILL MAKE FACSIMILE TRANSMISSION EVEN MORE SATISFACTORY IN THE FUTURE. AN EXTENSIVE BIBLIOGRAPHY OF 56 ITEMS ABOUT FACSIMILE TRANSMISSION IS GIVEN. (CM) ERIC



TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 16

REC'D INDEX

4019A

\*\*\*

4019A

FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION  
COLUMBIA, MISSOURI, STEPHENS COLLEGE, 1966. 26P. ERIC ED 012 621

// COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS  
EVALUATION-SUBJECTIVE ELECTROWRITER

STEPHENS COLLEGE USED SEVERAL NEW INSTRUCTIONAL DEVICES IN INTRODUCING TWO INTERINSTITUTIONAL COURSES. THE UNDERGRADUATE COURSE, 'AMERICAN LIFE AS SEEN BY CONTEMPORARY WRITERS,' SUPPLEMENTED DISCUSSION SESSIONS WITH POETRY READINGS ON AUDIO TAPES AND LECTURES VIA AMPLIFIED, LIVE TELEPHONE COMMUNICATION. THE LATTER DEVICE ALSO MADE POSSIBLE CONVERSATION BETWEEN PROMINENT LITERARY FIGURES AND STUDENTS AT ALL THE PARTICIPATING COLLEGES. STUDENTS EVALUATING THE GENERALLY VERY SUCCESSFUL COURSE EXPRESSED A DESIRE FOR MORE DEPTH AND LESS BREADTH IN INSTRUCTIONAL APPROACH. THE COURSE, 'NEW APPROACHES TO THE TEACHING OF MATHEMATICS,' EMPLOYED THE ELECTROWRITER, AN INSTRUMENT THAT TRANSMITS WRITTEN IMAGES OVER TELEPHONE CABLES. THE COURSE WAS SUCCESSFUL, BUT THE ELECTROWRITER PRESENTED OCCASIONAL TECHNICAL PROBLEMS. SOME STUDENTS EXPRESSED A DESIRE FOR MORE UNITY IN THE COURSE MATERIAL. (AD). ERIC

4020A

\*\*\* JOLLY, JOAN \* MADDEN, CHARLES F.

4020A

AMPLIFIED TELEPHONE AS A TEACHING MEDIUM

COLUMBIA, MISSOURI, STEPHENS COLLEGE REPORT NUMBER SC-EDUC-REP-1, MARCH 1965. 95P. ERIC ED 012 620

// MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION  
CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED

A GRANT TOTALING \$0,400 DOLLARS FROM THE FUND FOR THE ADVANCEMENT OF EDUCATION ENABLED STEPHENS COLLEGE TO INITIATE AN EXPERIMENTAL EDUCATIONAL PROGRAM BY WHICH AMPLIFIED TELEPHONE COMMUNICATION BROUGHT HIGH-QUALITY INSTRUCTION TO GROUPS OF SMALL LIBERAL ARTS COLLEGES. A 'MASTER TEACHER' ORGANIZED AND PRESENTED THE BASIC MATERIALS OF THE COURSE. PERSONS OF NATIONAL AND INTERNATIONAL REPUTATION SPOKE TO THE CLASSES VIA TELEPHONE CONFERENCE NETWORKS ON SUBJECTS RELEVANT TO THE COURSE WORK. A LOCAL COORDINATOR AND TECHNICAL DIRECTOR ON EACH CAMPUS WORKED ON THE PROJECT WITH THE COORDINATOR AT STEPHENS. A TEACHER AT EACH COLLEGE OR UNIVERSITY WAS PRESENT IN CLASS DURING THE LECTURES. ONE COURSE FOR FACULTY MEMBERS (A SEMINAR IN SCIENCE) AND TWO COURSES FOR STUDENTS (A COURSE IN CONTEMPORARY SOCIAL ISSUES AND A COURSE IN CONTEMPORARY LITERATURE) WERE ALL SUCCESSFUL IN SPITE OF SOME TECHNICAL PROBLEMS. (AD). ERIC

# DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN

NEW YORK, NEW YORK UNIVERSITY. INSTITUTE FOR DEVELOPMENTAL STUDIES, 1968. 42P. ERIC ED 022 758

NEW YORK, NEW YORK UNIVERSITY. INSTITUTE FOR DEVELOPMENTAL STUDIES, 1968. 42P. ERIC ED 022 758

## // EVALUATION-CONTROL-GROUP

TELEPHONE INTERVIEWS DESIGNED TO ELICIT OPEN-ENDED RESPONSES FROM DISADVANTAGED KINDERGARTEN CHILDREN WERE TAPED, ANALYZED, AND SCORED TO TEST THE RELIABILITY OF THIS INTERVIEW TECHNIQUE IN OBTAINING REPRESENTATIVE SPEECH SAMPLES. TO DETERMINE THE EFFECT OF FAMILIARITY WITH TELEPHONES, ONE GROUP OF 12 CHILDREN WAS PROVIDED WITH TELEPHONES IN THE CLASSROOM IMMEDIATELY FOLLOWING AN INITIAL INTERVIEW. ANOTHER GROUP OF 13 WAS GIVEN TELEPHONES FOLLOWING A SECOND INTERVIEW 3 MONTHS LATER. A THIRD GROUP OF EIGHT CHILDREN WAS INTERVIEWED ONCE BUT GIVEN NO ADDITIONAL EXPOSURE TO THE TELEPHONE. FINALLY, ALL THREE GROUPS WERE INTERVIEWED AT THE END OF AN 8-MONTH PERIOD. RESULTS INDICATED THAT THE TELEPHONE INTERVIEW IS A RELIABLE TECHNIQUE FOR RECORDING REPRESENTATIVE SPEECH SAMPLES FROM YOUNG CHILDREN AND HAS APPLICATION TO LONGITUDINAL STUDIES IN WHICH CHANGES IN VERBAL BEHAVIOR CAN BE ANALYZED IN TERMS OF VOCABULARY LEVEL, LANGUAGE STRUCTURE, AND ARTICULATION. NO SIGNIFICANT DIFFERENCES WERE FOUND IN A COMPARISON OF THE THREE GROUPS, SUGGESTING THAT EXPOSURE TO TELEPHONES IN THE CLASSROOM DID NOT STRONGLY INFLUENCE THE CHILD'S PERFORMANCE IN THE TELEPHONE INTERVIEW. THAT THIS 'EXPOSURE' TO THE TELEPHONE WAS ESSENTIALLY UNSTRUCTURED AND THAT THE CHILDREN IN THE STUDY WERE SIMILAR TO EACH OTHER SHOULD BE CONSIDERED. (DL). ERIC

\*\*\* TUCKER, THOMAS T. (AND OTHERS)

## SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION

RENO, NEVADA UNIVERSITY. NEVADA WESTERN STATES SMALL SCHOOLS PROJECT. CARSON CITY, 1968. 14P. ERIC ED 025 360

## // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION

A PILOT PROGRAM IS OUTLINED WHICH EXPLORED ONE POSSIBLE WAY BY WHICH TEACHERS IN SMALL SCHOOLS MIGHT HAVE ACCESS TO QUALITY IN-SERVICE EDUCATION. THE USE OF THE AMPLIFIED TELEPHONE AND THE CONFERENCE BRIDGE TECHNIQUE IS DESCRIBED. A GENERAL DESCRIPTION OF THE COURSE (A COOPERATIVE EFFORT OF THE WESTERN STATES SMALL SCHOOLS PROJECT AND THE UNIVERSITY OF NEVADA) IS PRESENTED, INCLUDING CONTENT, REQUIREMENTS, AND METHOD. AN EVALUATION OF THE COURSE CONSIDERS CONTENT, METHOD OF PRESENTATION, ON-SITE SITUATIONS, AND PARTICIPANT COMMENTS. CONCLUSIONS AND RECOMMENDATIONS FOR IMPROVING THE PROGRAM COMPLETE THE DOCUMENT. (SW). SEE 4023, 4519 AND 4715. ERIC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

REC'D INDEX

PAGE 17

4023A

\*\*\* JESSER, DAVID L. \* CLARKE, MICHAEL J.

4023A

ART BY TELEPHONE

RENO, NEVADA UNIVERSITY. NEVADA WESTERN STATES SMALL SCHOOLS PROJECT. CARSON CITY, 1966. 13P.  
ERIC ED 025 359

// WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED  
CURRICULUM-ENRICHMENT VISUAL-AIDS

IN AN ATTEMPT TO BRING ART INSTRUCTION INTO SMALL SCHOOLS FINANCIALLY UNABLE TO SUPPORT SUCH A PROGRAM, 11 HIGH SCHOOLS IN 4 WESTERN STATES HAVE BEEN RECEIVING SIMULTANEOUS INSTRUCTION IN ART FROM A CENTRAL SOURCE WITH THE AID OF AN AMPLIFIED TELEPHONE AND COORDINATED OVERHEAD TRANSPARENCIES. BEFORE THE UNSET OF CLASSES, THE INSTRUCTOR VISITS EACH SCHOOL IN ORDER TO GET ACQUAINTED WITH HIS STUDENTS. STUDENTS IN THE ART CLASSES ARE SUPERVISED BY LOCAL, INTERESTED TEACHERS, AND THE ART WORK IS MAILED BACK AND FORTH TO THE ART INSTRUCTOR. EACH SCHOOL IS LINKED TO EVERY OTHER SCHOOL AND TO THE INSTRUCTOR BY MEANS OF A REGULAR CONFERENCE CALL PLACED THROUGH THE TELEPHONE COMPANY. EACH STUDENT IS THUS ABLE TO HEAR THE INSTRUCTOR, VIEW PROJECTED TRANSPARENCIES, AND RESPOND OR QUESTION AS THE NEED ARISES. RESULTS OF THE EXPERIMENT SHOW THAT THIS TECHNIQUE IS HIGHLY EFFECTIVE IN COMMUNICATING BASIC ART SKILLS TO THOSE STUDENTS IN SCHOOLS WHOSE CURRICULA CONTAIN NO OFFERING IN THE ART AREA. (DA). SEE 4022, 4519 AND 4715. ERIC

## RADIO LISTENING EDUCATIONAL STYLE

PRINTER'S INK 292, P55, MAY 27, 1966

// CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO  
FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA

\*A TAPED PROGRAM OF INSTRUCTION THAT ALLOWS STUDENTS TO RESPOND HAS BEEN DEVELOPED FOR USE ON FM RADIO AND LATER ON TELEVISION BY EDUCASTING SYSTEMS INC. MATERIAL IS PROGRAMED BY INTERNATIONAL CORRESPONDENCE SCHOOLS OF SCRANTON, PENNSYLVANIA. EVERY SO OFTEN IN THE COURSE OF INSTRUCTION A MULTIPLE-CHOICE QUESTION IS ASKED. THE STUDENT INDICATES HIS ANSWER BY PRESSING ONE OF FOUR BUTTONS ON HIS EDUCASTING RECEIVER UNIT. IF HE IS RIGHT, THE REASONING BEHIND THE CORRECT ANSWER IS EXPLAINED. IF HE IS WRONG, HIS MISTAKE IS EXPLAINED, THE CORRECT ANSWER IS GIVEN AND THE REASONING BEHIND IT. THE FM CARRIER IS MULTIPLEXED WITH FOUR SPECIAL CHANNELS WHICH CANNOT BE INTERCEPTED BY A STANDARD AM OR FM RECEIVER. UNITS CAN BE OPERATED WITHIN 30 MILES OF TRANSMITTER. SOURCE OF PROGRAMS WILL BE A FOUR-TRACK TEACHING TAPE WHICH FEEDS SIGNALS TO A FOUR-CHANNEL MODULATOR LINKED TO THE FM TRANSMITTER. THE SPECIAL RECEIVER WAS DESIGNED AND MANUFACTURED BY THE COMMERCIAL ELECTRONICS DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC.\* FULL ARTICLE EDITED SLIGHTLY FOR LENGTH BY KS

RELAYS FOR EVERY APPLICATION SHOWN

BROADCASTING 70, Q3-4, APRIL 11, 1966

OHIO MEDICAL EDUCATION NETWORK 1969-1970

PAPER RECEIVED FROM THE CENTER FOR CONTINUING MEDICAL EDUCATION, OHIO STATE UNIVERSITY, JAN 1970.  
3P

// OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV

CONCEIVED IN 1961, THE OHIO MEDICAL EDUCATION NETWORK (OMEN) IS MADE UP OF A DOZEN FM RADIO STATIONS AND 60 HOSPITALS IN OHIO, KENTUCKY AND WEST VIRGINIA. FIVE TIMES EACH WEEK AT 12 NOON, PROGRAMS ARE BROADCAST WHICH ARE 'LIVE' TWO-WAY DISCUSSIONS BETWEEN HOME-COMMUNITY DOCTORS AND MEDICAL SCHOOL DOCTORS ON SUBJECTS VITAL TO CONTINUING MEDICAL EDUCATION. ACTIVITIES HAVE BEEN BROADENED TO INCLUDE NURSING TOPICS AND THE USE OF TELEVISION. DM

4048

\*\*\* NELSON, WILLIAM P. \* WOOLSEY, FRANK M., JR.

4048

THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES

NEW YORK STATE JOURNAL OF MEDICINE 58,20, P3322-5, OCT 15, 1958

4049

\*\*\* WOOLSEY, FRANK M., JR.

4049

TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION

JOURNAL OF MEDICAL EDUCATION 33,6, P474-82, JUNE 1958

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 18

REC'D INDEX

4051C

\*\*\* WOOLSEY, FRANK M., JR.

4051C

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION

CANADIAN MEDICAL ASSOCIATION JOURNAL 82, P717-9, APRIL 2, 1960

// ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD  
YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED  
RADIO VISUAL-AIDS COST

IN THIS ARTICLE, THE AUTHOR DESCRIBES A SERIES OF TWO-WAY RADIO CONFERENCES SPONSORED BY THE POSTGRADUATE DIVISION OF THE ALBANY MEDICAL COLLEGE AND DISCUSSES THE POTENTIALITIES FOR OTHER SIMILAR PROGRAMS. TRANSMISSIONS ORIGINATE IN ALBANY, NEW YORK, NEW HAVEN, CONNECTICUT, BURLINGTON, VERMONT, AND BOSTON, MASSACHUSETTS. THEY ARE THEN RELAYED BY A BROADCAST TRANSMITTER ATOP THE HIGHEST MOUNTAIN IN MASSACHUSETTS. TOPICS ARE ANNOUNCED IN ADVANCE AND PROGRAMS ARE Aired FROM 12 NOON TO 1 P.M. THE NUMBER OF HOSPITALS PARTICIPATING IN ANY ONE PROGRAM IS LIMITED SINCE THIS AIDS DISCUSSION, AND THEREFORE IT IS NECESSARY TO REPEAT PROGRAMS THREE TIMES PER WEEK. ALTHOUGH VARIED FORMATS HAVE BEEN USED, PROGRAMS GENERALLY CONSIST OF A 20-MINUTE TOPIC REVIEW FOLLOWED BY A 40-MINUTE DISCUSSION. THE EXISTENCE OF FOUR TRANSMITTERS ALLOWS PARTICIPATION BY THE FACULTY OF SIX DIFFERENT MEDICAL SCHOOLS, ALBANY, HARVARD, BOSTON UNIVERSITY, TUFTS, YALE, AND THE VERMONT COLLEGE OF MEDICINE. VISUAL AIDS AND PRINTED HANDOUTS ARE USED TO SUPPLEMENT THE TELECONFERENCES. THE PROGRAM HAS BEEN VERY POPULAR WITH PHYSICIANS, SINCE IT HAS MANY ADVANTAGES OVER STANDARD POSTGRADUATE EDUCATION PROGRAMS, INCLUDING THE ANONYMITY OF PARTICIPANTS. THE AUTHOR CONCLUDES BY DISCUSSING THE POTENTIAL OF SIMILAR PROGRAMS, INCLUDING AN EXAMINATION OF COST FACTORS. SEE 0542 AND 4924. FK

4052

\*\*\* EBBERT, ARTHUR JR.

4052

TWO-WAY RADIO IN MEDICAL EDUCATION

THE JOURNAL OF MEDICAL EDUCATION 38,4, P319-28, APRIL 1963

4054C

\*\*\* VICTOR COMPTOMETER CORPORATION

4054C

IOWA TEACHERS LEARN MATH VIA VERB

VICTOR COMPTOMETER CORPORATION. BROCHURE. RECEIVED JAN 1970

// NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA  
ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER

IN THE WINTER OF 1965, THE NORTHWEST IOWA ELECTROWRITER PROJECT USED VICTOR'S ELECTROWRITER REMOTE BLACKBOARD (VERB) TO INSTRUCT ELEMENTARY AND HIGH SCHOOL TEACHERS IN THE USE OF NEW MATH. LASTING EIGHT WEEKS, THE PROJECT CONNECTED SEVEN IOWA CITIES WITH LECTURERS AT 1) THE ENCYCLOPEDIA BRITANNICA PRESS IN CHICAGO 2) THE UNIVERSITY OF ILLINOIS IN URBANA AND 3) THE STATE COLLEGE OF IOWA IN CEDAR FALLS. ALTHOUGH OTHER ELECTROWRITER PROJECTS HAVE BEEN SIMILARLY CONCERNED WITH EDUCATION, THE USE OF VERB BY GOVERNMENT AND BUSINESS IS ALSO VERY LIKELY. FK

LIKELY. FK

4061

\*\*\*

4061

AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL

TRAINING IN BUSINESS AND INDUSTRY 5,1, P41, JAN 1968

4062C

\*\*\*

4062C

HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES

EDUCATIONAL TECHNOLOGY 7,23, P9-10, DEC 15, 1967

// TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS  
ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES PENNSYLVANIA

THE CENTER FOR THE CREATIVE APPLICATION OF TECHNOLOGY TO EDUCATION ON THE TEXAS A+M CAMPUS USES PENNSYLVANIA EQUIPMENT AND LEASED TELEPHONE LINES TO TRANSMIT INSTRUCTIONAL MATERIAL TO HIGH SCHOOLS IN 15 SCHOOL DISTRICTS WITHIN A 70 MILE RADIUS. THE 'ELECTRONIC BLACKBOARD-BY-WIRE' PROVIDES MATHEMATICS, PHYSICS AND ENGLISH LESSONS AS A SUPPLEMENT TO CONVENTIONAL CLASSROOM TEACHING. TALKBACK FROM PUPILS TO TEACHER IS FACILITATED BY THE PROVISION OF AUDIO UNITS AND QUESTION INDICATORS AT EACH RECEPTION POINT. THE DIRECTOR OF THE CATE CENTER POINTS OUT THE BENEFITS OF SUCH A SYSTEM FOR SCHOOLS WHICH LACK THE BEST RESOURCES. 'THE EFFECT IS AN EXPANDED CURRICULUM DELIVERED BY THE MOST COMPETENT TEACHERS AVAILABLE.' WH

LONG-DISTANCE 'BLACKBOARD-BY-WIRE'

EDUCATIONAL TECHNOLOGY 7,7 P9, APRIL 15, 1967

// KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION  
HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA  
GENERAL-TELEPHONE-CO-OF-KENTUCKY

IN FEBRUARY OF 1967, COLLEGE CLASSROOMS IN KENTUCKY, TENNESSEE AND NEW YORK WERE LINKED BY AN ELECTRONIC 'BLACKBOARD-BY-WIRE' TEACHING SYSTEM THAT TRANSMITS HANDWRITING AS WELL AS VOICE COMMUNICATIONS OVER TELEPHONE LINES FOR LONG DISTANCE ILLUSTRATED LECTURES. THE PROGRAM WAS SPONSORED BY THE MID-APPALACHIA COLLEGE COUNCIL AND TWO GT+E SUBSIDIARIES, SYLVANIA ELECTRIC PRODUCTS, INC. AND THE GENERAL TELEPHONE COMPANY OF KENTUCKY. MUCH MORE ECONOMICAL THAN CLOSED CIRCUIT TV, THE BLACKBOARD-BY-WIRE SYSTEM CONTAINS AN AUDIO FEEDBACK UNIT FOR STUDENTS' QUESTIONS AND RESPONSES. FK

EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION

JOURNAL OF MEDICAL EDUCATION 42,9, P874, SEPT 1967



TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 19

REC'D INDEX

4065C

\*\*\* PAULSON, ROBERT L.

4065C

TEL-A-LECTURE TECHNIQUE

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 42,6, P316-7, JUNE 1963

// IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-ICWA VISUAL-AIDS COST

THIS ARTICLE IS A DESCRIPTION OF THE USES AND DEVELOPMENT OF THE TEL-A-LECTURE TECHNIQUE. IT CONSISTS OF HAVING AN AMPLIFIER HOOKED TO A TELEPHONE WHILE THE LECTURER, WHO MAY BE MILES AWAY, COMMENTS ON PROBLEMS, FILM CLIPS, AND OTHER SUITABLE MATERIAL. THIS RESEARCH PROJECT HAS BEEN UNDERTAKEN BY THE MALCOMB PRICE LABORATORY. ALTHOUGH RESEARCH IS IN THE EARLY EXPLORATORY STAGE, SEVERAL PRINCIPLES ARE ALREADY EVIDENT. SOME OF THESE ARE 1) THE NOVELTY OF THE DEVICE CREATES INTEREST THAT OFFSETS THE LACK OF A PERSONAL APPEARANCE BY A SPEAKER 2) THE MOST EFFECTIVE PART OF SUCH A PROGRAM IS THE QUESTION AND ANSWER PERIOD 3) PRESENTATION OF CONFERENCE CALL PROGRAMS ARE VERY WELL ADAPTED TO THIS DEVICE 4) VISUAL MATERIALS ARE OF EXTREME IMPORTANCE IN PRESENTATION AND 5) SAVINGS OF TIME AND MONEY ARE FACTORS THAT CANNOT BE IGNORED IN THE CASE OF THIS DEVICE. TM

4067C

\*\*\*

4067C

TELELECTURE

BELL TELEPHONE COMPANY. 28P

// DESCRIPTION-TELELECTURE

ONLY RECENTLY HAS THE TELEPHONE BEEN REGARDED AS AN INSTRUMENT FOR TEACHING. THIS PAMPHLET EXPLAINS WHAT A TELELECTURE IS, HOW IT IS USED, HOW TO ORGANIZE THE PROGRAM, THE USE OF AUDIOVISUAL AIDS IN TELELECTURES, COMMUNICATIONS REQUIREMENTS, AND ADVANTAGES OF THE METHOD. TM

4068

\*\*\* WOOLSEY, FRANK M., JR.

4068

TWO-WAY RADIO AND ITS ADVANTAGES

ANNALS OF THE NEW YORK ACADEMY OF SCIENCE 142,2, P424-7, MARCH 31, 1967

## ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE'

ABSTRACT ON PAGE 6 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. ABSTRACTS OF INSTRUCTIONAL DEVELOPMENTS AT CIC INSTITUTIONS. REPORT NO. 1, SPRING 1966

// NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION

## EVALUATION

\*INFORMATION IS AVAILABLE FROM THE COLLEGE OF EDUCATION, UNIVERSITY OF IOWA, CONCERNING THE NORTHWEST IOWA TELEWRITER PROJECT, AN INSERVICE TRAINING PROGRAM FOR TEACHERS OF MATHEMATICS IN THE ELEMENTARY SCHOOLS. INSTRUCTION WAS BROUGHT TO THE TEACHERS OF FOUR IOWA COUNTIES BY MEANS OF LECTURES OVER AMPLIFIED TELEPHONE AND A 'REMOTE BLACKBOARD.' THE TEACHERS WERE ABLE TO SEE BLACKBOARD ILLUSTRATIONS AND EXAMPLES PROJECTED ON SCREENS IN THE SEVEN RECEIVING CLASSROOMS AND TO TAKE PART IN DISCUSSIONS WITH THE DISTANT LECTURERS. \*FACULTY AT THE UNIVERSITY OF IOWA HELPED TO PREPARE EVALUATIVE INSTRUMENTS FOR THE PROJECT WHICH WAS ADMINISTERED BY THE FOUR COUNTY SCHOOL SYSTEMS. FOR FURTHER INFORMATION CONTACT PROFESSOR RAYMOND V. WIMAN, COLLEGE OF EDUCATION, THE UNIVERSITY OF IOWA, IOWA CITY, IOWA.\* CIC

## RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION

ABSTRACT ON PAGE 6-7 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. ABSTRACTS OF INSTRUCTIONAL DEVELOPMENTS AT CIC INSTITUTIONS. REPORT NO. 1, SPRING 1966

// OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM

\*THE OHIO STATE COLLEGE OF EDUCATION RADIO-TELEPHONE NETWORK IS AN ADAPTATION OF A PROGRAM INSTITUTED SOME YEARS AGO BY THE COLLEGE OF MEDICINE AT THE UNIVERSITY. THE FACILITIES OF THE UNIVERSITY RADIO STATION, WOSU-FM, FORM THE HUB OF THE TECHNICAL CONTROL. THROUGH DIRECT RECEPTION FROM WOSU-FM OR THROUGH OTHER FM STATIONS CONNECTED BY LAND LINES FROM WOSU-FM, GROUPS OF EDUCATORS IN 24 SCHOOL DISTRICTS HEAR A PRESENTATION ON AN IMPORTANT EDUCATIONAL TOPIC. AT THE CONCLUSION OF THIS INITIAL DISCUSSION, IT IS POSSIBLE THROUGH A SYSTEM OF INTERCONNECTING LAND LINES FOR QUESTIONS TO BE DIRECTED TO THE SPEAKER IN THE STUDIO AT WOSU-FM. ALL SCHOOLS ON THE NETWORK HEAR THE QUESTIONS AND THE DISCUSSION WHICH MAY FOLLOW. PRESENT LIMITATIONS REQUIRE THAT A MAXIMUM OF 12 SCHOOLS PARTICIPATE ON ANY GIVEN BROADCAST. CONSEQUENTLY, TWO NETWORKS ARE REQUIRED TO PROVIDE SERVICE TO THE PARTICIPATING SCHOOLS. ONE NETWORK IS LOCATED IN NORTHWESTERN OHIO AND THE SECOND ONE SERVES SCHOOLS CLUSTERED IN THE CENTER OF THE STATE. THE TOPICS FOR DISCUSSION ON THE RADIO-TELEPHONE NETWORK HAVE BEEN CHOSEN BY SCHOOL ADMINISTRATORS OR THEIR REPRESENTATIVES AND THUS CONSTITUTE THE NEEDS OF SCHOOL PEOPLE AS SEEN BY THOSE WHO DAILY MUST MEET INSTRUCTIONAL PROBLEMS IN THE FIELD. FOR FURTHER INFORMATION, CONTACT PROFESSOR WILLIAM B. MCBRIDE, ASSISTANT DEAN, COLLEGE OF EDUCATION, OHIO STATE UNIVERSITY, COLUMBUS, OHIO 43210.\* CIC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

RECID INDEX

PAGE 20

4112A

\*\*\*

4112A

UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM

ABSTRACT ON PAGE 19-20 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. DEVELOPMENT AND EXPERIMENT IN COLLEGE TEACHING. REPORT NO. 2, FALL 1966

// COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY

COURSE MATERIAL USED ON THE OHIO STATE DIAL-ACCESS LEARNING SYSTEM DURING ITS FIRST YEAR OF OPERATION RANGED FROM ELEMENTARY JAPANESE TO A FULL-LENGTH PRESENTATION OF HAMLET STARRING RICHARD BURTON. ALTOGETHER 13 DEPARTMENTS SCHEDULED PROGRAMS FOR MORE THAN 75 COURSES. THE SYSTEM IS ALREADY THE LARGEST REMOTE OPERATION OF ITS KIND IN THE NATION AND IS PRESENTLY UNDERGOING MAJOR EXPANSION. THE 292,000 DOLLAR COMPUTER-GUIDED SYSTEM WAS INSTALLED LAST YEAR AS A MAJOR STEP TOWARD ADAPTING MODERN ELECTRONIC EQUIPMENT TO THE TASK OF BRINGING RECORDED EDUCATIONAL MATERIAL TO LARGE NUMBERS OF STUDENTS AT VARIOUS CAMPUS LOCATIONS, INCLUDING THEIR LIVING QUARTERS. THE SYSTEM'S FIRST YEAR OF OPERATION WAS AN UNQUALIFIED SUCCESS JUDGING FROM THE RESPONSE OF STUDENTS AND FACULTY. STUDENTS DIALED AS MANY AS 40,000 TIMES PER WEEK AT PEAK USAGE, AND THE AMOUNT OF PROGRAM MATERIAL PROVIDED BY UNIVERSITY DEPARTMENTS TAXED THE CAPACITY OF THE SYSTEM. IT OPERATES OVER HIGH-FIDELITY CIRCUITS BY MEANS OF WHICH STUDENTS IN VARIOUS CAMPUS BUILDINGS CAN RECEIVE THE RECORDED MATERIAL TRANSMITTED FROM THE UNIVERSITY'S LISTENING CENTER. FROM CARREL-LIKE STATIONS, THE STUDENTS DIAL A THREE-DIGIT NUMBER TO GET THE DESIRED RECORDING, WHICH THEY HEAR THROUGH SPECIAL HEADPHONES. THE COMPLEX SWITCHING ARRANGEMENTS FOR THE SYSTEM ARE HANDLED BY A SOLID-STATE, STORED-PROGRAM COMPUTER. ADDITIONAL INFORMATION MAY BE OBTAINED BY WRITING TO DR. PAUL PIMSLEUR, DIRECTOR, LISTENING CENTER, 63 DENNEY HALL, 164 W. 17TH AVENUE, THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO 43210. SEE 4116. CIC. EDITED FOR LENGTH BY KS

## TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES

ABSTRACT ON PAGES 21-2 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. DEVELOPMENT AND EXPERIMENT IN COLLEGE TEACHING. REPORT NO. 2, FALL 1966

// HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV  
PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV

EXTENSION CAMPUSES POSE PROBLEMS OF INSTRUCTIONAL COORDINATION AND THE SHARING OF INSTRUCTIONAL RESOURCES THAT ARE DIFFICULT TO SOLVE. RECOGNIZING THIS, PURDUE UNIVERSITY HAS UNDERTAKEN TO EXAMINE IN DEPTH ITS INSTRUCTIONAL COMMUNICATION NEEDS OF THE FORESEEABLE FUTURE. WORKING WITH AN OUTSIDE FIRM WHICH HAS LONG EXPERIENCE IN THE DESIGN AND DEVELOPMENT OF COMMUNICATIONS SYSTEMS, UNIVERSITY REPRESENTATIVES HAVE TRACED PAST GROWTH IN ENROLLMENTS, INSTRUCTIONAL TELEVISION, EXTENSION CAMPUS DEVELOPMENT, AND SEVERAL OTHER RELATED ELEMENTS. A FINAL REPORT GIVING THE RATIONALE AND SEVERAL OF THE SPECIFIC STEPS IN FUTURE DEVELOPMENT IS SCHEDULED TO APPEAR DURING THE FALL TERM, 1966. DURING THE PAST 4 YEARS, PURDUE HAS BEEN LINKED VIA TV MICROWAVE TO ITS EXTENSION CAMPUS IN INDIANAPOLIS. THIS LINK EXTENDS TO THE BLOOMINGTON CAMPUS OF INDIANA UNIVERSITY, THUS PROVIDING INTER-UNIVERSITY SHARING OF RESOURCES, AS WELL AS THE

OF INDIANA UNIVERSITY, THUS PROVIDING INTER-UNIVERSITY SHARING OF RESOURCES, AS WELL AS THE

LINKING OF INDIANA UNIVERSITY WITH ITS OWN INDIANAPOLIS EXTENSION CAMPUS. NOW, PLANS ARE FIRM FOR THE ESTABLISHMENT OF SIMILAR SERVICES TO OTHER PURDUE EXTENSION CAMPUSES. AS WITH THE OLDER LAFAYETTE-INDIANAPOLIS-BLOOMINGTON LINK, THESE NEW LINKS WILL BE USED TO TRANSMIT LOCALLY TAUGHT COURSES, TO SHARE RESPONSIBILITIES IN THE TEACHING OF SOME COURSES, TO SHARE SEMINARS, COLLOQUIA, AND OTHER EVENTS OCCURRING ON EITHER OF THE TWO PRINCIPAL CAMPUSES. FOR MORE INFORMATION, CONTACT JAMES S. MILES, DIRECTOR OF THE TELEVISION UNIT, PURDUE UNIVERSITY, LAFAYETTE, INDIANA 47907. CIC. EDITED FOR LENGTH BY KS

## OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK

ABSTRACT ON PAGE 23 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. DEVELOPMENT AND EXPERIMENT IN COLLEGE TEACHING. REPORT NO. 2, FALL 1966

// COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV

A TV LINK WITH A TWO-WAY AUDIO CHANNEL HAS BEEN ESTABLISHED BETWEEN OHIO STATE'S CENTRAL CAMPUS IN COLUMBUS AND THE WRIGHT-PATTERSON GRADUATE CENTER AT DAYTON. PREVIOUSLY, ALL INSTRUCTION AT WRIGHT-PATTERSON WAS CONDUCTED BY TRAVELING FACULTY FROM THE CENTRAL CAMPUS. GRADUATE COURSES REGULARLY OFFERED WERE INTRODUCED AT DAYTON WHEN THE DEMAND JUSTIFIED THE EXPENSE IN TIME AND TRAVEL. WITH THE ESTABLISHMENT OF THE TV LINK THE GRADUATE CURRICULUM CAN BE READILY EXPANDED. SELECTED COURSES FROM THE CENTRAL CAMPUS ARE SIMULTANEOUSLY TELECAST (AT THE SAME TIME THAT THEY ARE BEING TAUGHT) IN DAYTON. THE VIDEO LINK IS MADE AS NATURAL AS POSSIBLE WITH NO 'TALENT' REQUIRED OTHER THAN THE PROFESSOR. ABOUT 4 FEET OF BLACKBOARD SPACE IS TRANSMITTED AT A TIME. THE CAMERA IS MOUNTED ON A TURRET SO THAT THE PROFESSOR MAY SELECT ANY ONE OF SEVERAL BLACKBOARD PANELS FOR TRANSMISSION. A TWO-WAY AUDIO CHANNEL ALLOWS THE STUDENT AT DAYTON THE SAME PRIVILEGE (SIC) OF INTERRUPTION WITH QUESTION OR COMMENT THAT HE WOULD HAVE IF HE WERE SITTING WITH THE CLASS IN COLUMBUS. THE REACTIONS OF STUDENTS AND PROFESSORS ALIKE HAVE BEEN GOOD. FOR FURTHER INFORMATION CONTACT PROFESSOR JOHN D. COWAN, DEPARTMENT OF ELECTRICAL ENGINEERING, THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO 43210. CIC

## REC'D INDEX

4115A

\*\*\*

4115A

## TEACHING AN EXTENSION COURSE BY TELE-LECTURE

ABSTRACT ON PAGE 10-1 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. DEVELOPMENT AND EXPERIMENT IN COLLEGE TEACHING. REPORT NO. 4, SPRING 1968.

// ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS

A LIBRARY SCIENCE COURSE IN CATALOGUING AND CLASSIFICATION IS BEING TAUGHT VIA TELE-LECTURE AT THE UNIVERSITY OF ILLINOIS AS A RESULT OF COLLABORATION BETWEEN AN INSTRUCTOR AND A MEDIA SPECIALIST. SINCE A GREAT DEAL OF THE INSTRUCTIONAL MATERIAL IN A CLASSIFICATION AND CATALOGUING COURSE IS VISUAL, THE 2 BY 2 SLIDE MEDIUM WAS SELECTED. SLIDES ARE MAILED TO A PROCTOR AT THE CLASS LOCATION (ROCK ISLAND ARSENAL). THE SYSTEM'S HARDWARE INCLUDES A BELL-TELEPHONE TELF-LECTURE UNIT, A SPEAKER PHONE FOR THE INSTRUCTOR AND A CAROUSEL PROJECTOR LOCATED IN THE REMOTE CLASSROOM. SINCE THE UNIVERSITY WIDE TELEPHONE SERVICE (WATS) LINES WERE USED, THERE WERE NO TELEPHONE CHARGES. THE INSTRUCTOR MET THE STUDENTS IN PERSON FOR THE FIRST MEETING. SUBSEQUENTLY THE SEQUENCE OF A NORMAL EVENING CLASS WAS AS FOLLOWS. THE INSTRUCTOR WENT TO A CAMPUS LOCATION WHERE THE SPEAKER PHONE WAS LOCATED, SET UP AN 8 BY 10 CARD WITH PHOTOS AND NAMES OF STUDENTS, ORGANIZED THE LECTURE NOTES AND THE SLIDE SEQUENCE PREVIOUSLY MAILED TO THE STUDENT LOCATION, THEN DIALED THE TELEPHONE NUMBER SEVERAL MINUTES IN ADVANCE OF CLASS TIME TO PERMIT THE PROCTOR TO ADJUST THE VOLUME. THE TELE-LECTURE UNIT IS EQUIPPED WITH TWO MICROPHONES WHICH PERMIT STUDENTS IN THE AUDIENCE TO ASK QUESTIONS AT ANY TIME. DURING THIS COURSE, STUDENTS DISCUSSED PROBLEMS WITH THE INSTRUCTOR BEFORE AND AFTER CLASS, DURING THE FORMAL CLASS PRESENTATION, AND DURING CLASS BREAKS. REPORTS TO DATE INDICATE THAT STUDENTS AND INSTRUCTORS ARE SATISFIED WITH THE MEDIUM AND THE MANNER IN WHICH THE COURSE IS PRESENTED. FURTHER INFORMATION MAY BE OBTAINED FROM MRS. ANNE FOX OF THE GRADUATE SCHOOL OF LIBRARY SCIENCE AT THE UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS.' CIC. EDITED FOR LENGTH BY KS

4116A

\*\*\*

4116A

## DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM

ABSTRACT ON PAGES 22-3 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. DEVELOPMENT AND EXPERIMENT IN COLLEGE TEACHING. REPORT NO. 4, SPRING 1968

// COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY

OHIO STATE UNIVERSITY STUDENTS ARE NOW ABLE TO DIAL THE PICTURE AS WELL AS THE SOUND. THE UNIVERSITY'S 450,000 DOLLAR DIAL-ACCESS LEARNING SYSTEM HAS INCORPORATED 18 TELEVISION RECEIVERS INTO THE DISTRIBUTION SYSTEM WHICH PREVIOUSLY BROUGHT ONLY AUDIO PROGRAMS TO STUDENTS AT REMOTE POINTS ON THE CAMPUS AND IN THE UNIVERSITY AREA (SEE 4112). THE LISTENING CENTER'S 25,000 DOLLAR EXPANSION INTO THE VISUAL FIELD PROVIDES 9-INCH TELEVISION RECEIVERS IN STUDENT BOOTHS ALSO EQUIPPED WITH HEADSETS. STUDENTS MAY DON HEADSETS AND OBTAIN THE AUDIO PORTION OF AN INSTRUCTIONAL PROGRAM BY DIALING A THREE-DIGIT NUMBER. THIS WILL ALSO ACTIVATE THE VIDEO SET, ON WHICH THE STUDENT WILL SELECT THE APPROPRIATE VISUAL PROGRAM CHANNEL FOR HIS CLASS. ONLY TWO VIDEO PROGRAM SOURCES, THOSE OF THE DEPARTMENTS OF BIOLOGICAL SCIENCES AND CHEMICAL

ONLY TWO VIDEO PROGRAM SOURCES, THOSE OF THE DEPARTMENTS OF BIOLOGICAL SCIENCES AND CHEMICAL ENGINEERING, ARE EMPLOYED DURING THIS EXPERIMENTAL PERIOD. THESE TWO DEPARTMENTS ARE SHOWING OSMOSIS, MITOSIS, AND VORTICITY TO THEIR STUDENTS, AND ARE VERY ENTHUSIASTIC ABOUT THE ADDED VISUAL DIMENSION WHICH ALLOWS THEM TO MORE EFFECTIVELY TEACH THESE TOPICS. THE INITIAL OPERATION IS EXPECTED TO GENERATE ADDITIONAL NEW PROGRAM MATERIAL AND TO PROVIDE INFORMATION ON USE OF THE VIDEO EQUIPMENT. FOR FURTHER INFORMATION CONTACT DR. PAUL PIMSLEUR, DIRECTOR, LISTENING CENTER, 63 DENNEY HALL, THE OHIO STATE UNIVERSITY, 164 WEST 17TH AVENUE, COLUMBUS, OHIO 43210. SEE 4112. CIC. EDITED FOR LENGTH BY KS

4119A

\*\*\*

4119A

#### CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK

ABSTRACT ON PAGE 14 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. ABSTRACTS OF INSTRUCTIONAL DEVELOPMENTS AT CIC INSTITUTIONS. REPORT NO. 5, SPRING 1969

// INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED  
CURRENT-AWARENESS PHARMACEUTICALS TV

\*AS OF SPRING 1968, INDIANA'S STATE TELECOMMUNICATIONS NETWORK IN HIGHER EDUCATION IS PROVIDING AN ANNUAL SHORT COURSE-SEMINAR SERIES FOR THE STATE'S PHARMACISTS. THE COURSE IS A JOINT ENTERPRISE OF PURDUE'S SCHOOL OF PHARMACY AND PHARMACAL SCIENCES, BUTLER UNIVERSITY'S COLLEGE OF PHARMACY, AND THE INDIANA PHARMACEUTICAL ASSOCIATION, AND INCLUDES FIVE MONTHLY MEETINGS, EACH 90 MINUTES LONG. THE SERIES UNDERTAKES TO UPDATE THE COMPETENCIES OF PRACTICING PHARMACISTS IN SUCH AREAS AS ADVERSE DRUG REACTIONS AND INTERACTIONS, THE PHYSIOLOGY OF THE CARDIOVASCULAR SYSTEM, THE ETIOLOGY OF CARDIAC AND VASCULAR DISEASE, AND THE PHARMACOLOGY OF CERTAIN THERAPEUTIC AGENTS. EACH SESSION EMPLOYS TELEVISION AND MAKES USE OF FACULTY FROM THE TWO SCHOOLS OF PHARMACY AND SPECIALISTS FROM INDUSTRY AND MEDICINE. PARTICIPATING PHARMACISTS PAY A NOMINAL FEE AND MAY ATTEND THE SERIES AT ANY OF EIGHT VIEWING CENTERS, RANGING FROM INDIANA UNIVERSITY'S BLOOMINGTON CAMPUS AND INDIANA STATE UNIVERSITY-EVANSVILLE IN THE SOUTH, TO PURDUE'S CALUMET REGIONAL CAMPUS IN HAMMOND OR THE PURDUE-INDIANA UNIVERSITY JOINT REGIONAL CAMPUS AT FORT WAYNE IN THE NORTH. THROUGH THE TWO-WAY TELEPHONE SYSTEM, WHICH IS PART OF THE STATE NETWORK, DISCUSSIONS AND QUESTION-ANSWER PERIODS ARE INCORPORATED INTO EACH SEMINAR SESSION. DURING 1968, THE INTRODUCTORY YEAR OF THE SERIES, 439 PHARMACISTS OR 15 PERCENT OF THE STATE'S PRACTICING PHARMACISTS ENROLLED. FOR FURTHER INFORMATION, CONTACT BILL D. JOBE, ADMINISTRATIVE ASSISTANT FOR CONTINUING EDUCATION, SCHOOL OF PHARMACY AND PHARMACAL SCIENCES, PURDUE UNIVERSITY, LAFAYETTE, INDIANA 47907. CIC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 22

REC'D INDEX

4120A

\*\*\*

4120A

MULTIMEDIA INSTRUCTION IN EXTENSION

ABSTRACT ON PAGES 24-5 IN COMMITTEE ON INSTITUTIONAL COOPERATION. COMMITTEE ON RESEARCH AND DEVELOPMENT OF INSTRUCTIONAL RESOURCES. ABSTRACTS OF INSTRUCTIONAL DEVELOPMENTS AT CIC INSTITUTIONS. REPORT NO. 5, SPRING 1969

// ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER

THE UNIVERSITY OF ILLINOIS DIVISION OF UNIVERSITY EXTENSION, IN COOPERATION WITH INTERESTED COLLEGES, IS USING A COMBINATION OF ELECTROWRITER AND VOICE COMMUNICATION VIA A SPECIAL LOOP CALLED UNIVEX (FOR UNIVERSITY EXTENSION) LINES IN AN EXPERIMENTAL TEACHING APPROACH. THESE LINES, DURING ACADEMIC 1968-69, TIE INTO CLASSROOMS IN DECATUR, FREEPORT, MALTA, QUINCY, ROCKFORD, ROCK ISLAND-MOLINE, SPRINGFIELD, URBANA-CHAMPAIGN, AND SOUTH BELOIT. PRINCIPAL GOALS OF THE EFFORT ARE 1) TO ASCERTAIN TYPES OF SUBJECT MATTER AND COURSES THAT CAN BE FRUITFULLY TAUGHT AND LEARNED THROUGH THIS APPROACH 2) TO EXTEND THE AVAILABILITY OF HIGHLY SPECIALIZED COURSES TO INTERESTED AND QUALIFIED PART-TIME STUDENTS WITHIN A LARGE GEOGRAPHICAL AREA AND 3) TO DETERMINE ACCEPTANCE AND EFFECTIVENESS OF THIS REMOTE TEACHING-LEARNING SYSTEM IN COMPARISON WITH CONVENTIONALLY TAUGHT CLASSES. IN MOST CASES, THE COURSE OFFERINGS ARE FOR GRADUATE ENGINEERS. TWO FRESHMAN COURSES HAVE BEEN SCHEDULED IN COMPUTER SCIENCE AND AGRICULTURE TO SUPPLEMENT COURSE OFFERINGS OF JUNIOR COLLEGES. ONE GRADUATE COURSE IN LIBRARY SCIENCE HAS BEEN CONDUCTED. TWO IN AGRICULTURE ARE CURRENTLY BEING CONDUCTED. THE REMOTE TEACHING IS SOMETIMES SUPPLEMENTED BY VISITS OF INSTRUCTORS TO THE CLASS SITES, BY ON-CAMPUS ORIENTATION AND/OR WEEKEND LABORATORY SESSIONS, OR BY ASSIGNED WORK BY CORRESPONDENCE. CERTAIN SUPPLEMENTAL HOURS ARE UNIFORMLY SET ASIDE FOR AN INSTRUCTOR TO ANSWER QUESTIONS AND CLEAR UP DIFFICULTIES PHONED IN BY INDIVIDUAL MEMBERS OF HIS CLASS. ADDITIONAL INFORMATION CAN BE OBTAINED FROM DEAN STANLEY ROBINSON, DIVISION OF UNIVERSITY EXTENSION, UNIVERSITY OF ILLINOIS, URBANA. CIC. EDITED FOR LENGTH BY KS

RADIO MEDICAL ASSISTANCE AND RESCUE

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 204, P556, MAY 6, 1968

// MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM

'THE INTERNATIONAL RADIO MEDICAL CENTER (CIRM) IS A FOUNDATION ESTABLISHED IN ROME IN 1935 FOR THE PURPOSE OF GIVING FREE ASSISTANCE AND MEDICAL ADVICE BY RADIO TO SEAMEN OF ALL NATIONALITIES AND TO THE INHABITANTS OF THE SMALL ISLANDS OF THE MEDITERRANEAN. THE CENTER HAS BEEN ABLE TO ORGANIZE WITH THE HELP OF ITALIAN AND FOREIGN ORGANIZATIONS A VAST NETWORK OF INTERNATIONAL TELECOMMUNICATIONS THAT ALLOWS IT TO GIVE ASSISTANCE IN ANY PART OF THE OCEAN. ALL RADIO MEDICAL SERVICES OF CIRM, AS WELL AS TRANSPORT AND RESCUE, ARE FREE OF CHARGE.' DW

4123C

\*\*\* FARBER, SEYMOUR M.

4123C

MEDICAL RADIO CONFERENCES

MEDICAL RADIO CONFERENCES

CALIFORNIA MEDICINE 104, P141, FEB 1966

// SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION

IN 1963, THE DIVISION OF CONTINUING EDUCATION IN MEDICINE AND THE HEALTH SCIENCES AT THE UNIVERSITY OF CALIFORNIA MEDICAL CENTER, SAN FRANCISCO, INITIATED A SERIES OF TWO-WAY RADIO BROADCASTS DESIGNED TO BRING WORK OF THE LATEST MEDICAL DEVELOPMENTS TO PHYSICIANS UNABLE TO ATTEND FORMAL POSTGRADUATE COURSES. THESE BROADCASTS DISSEMINATE INFORMATION INEXPENSIVELY TO A LARGE AUDIENCE AND SAVE TIME FOR MANY CALIFORNIA PHYSICIANS IN OUTLYING DISTRICTS. THE QUESTION AND ANSWER SESSIONS WITHIN EACH BROADCAST SEEM TO BE A KEY ELEMENT IN THE SUCCESS OF THE PROJECT. THESE BROADCASTS, WHICH HAVE A LARGE FOLLOWING, ARE BUT AN INDICATION OF HOW AUDIOVISUAL MEDIA CAN BE USED TO FURTHER POSTGRADUATE MEDICAL EDUCATION. FK

4126A

\*\*\* SMITH, PATRICIA MARIE

4126A

EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS

OHIO STATE UNIVERSITY, PH.D. DISSERTATION, 1969. 227P. ERIC ED 033 203

// TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST

TO EXAMINE THE FEASIBILITY OF REMOTE SUPERVISION OF PRESERVICE HOME ECONOMICS EDUCATION STUDENTS, 36 STUDENTS INVOLVED IN THE STUDENT TEACHING EXPERIENCE WERE ASSIGNED TO THREE METHODS OF SUPERVISION 1) FACE-TO-FACE, WITH OBSERVATION CONTACTS AND SUPERVISORY CONFERENCES AT THE PUBLIC SCHOOL 2) AUDIO-PHONE, PHONE CONFERENCES RELATING TO AUDIO-TAPED LESSONS AND OTHER PROBLEMS AND 3) VIDEO-PHONE, CONSISTING OF PHONE CONFERENCES AND VIDEO-TAPED LESSONS. THE INSTRUMENTS USED WERE A SCALE TO MEASURE PRE- AND POST-TEACHING CONFIDENCE, A CRITIQUE FORM TO MEASURE IMPROVEMENT OF A SPECIFIC TEACHING SKILL, AND A RATING SCALE TO MEASURE SATISFACTION OF THE COLLEGE SUPERVISOR, SUPERVISING TEACHER, AND STUDENT TEACHER WITH THE METHOD EMPLOYED. THE METHODS DIFFERED SIGNIFICANTLY IN RELATION TO THE SATISFACTION EXPRESSED BY STUDENT TEACHERS AND SUPERVISING TEACHERS. FACE-TO-FACE, VIDEO-PHONE, AND AUDIO-PHONE WERE FAVORED IN THAT ORDER. THE METHODS DID NOT DIFFER SIGNIFICANTLY IN RELATION TO THE SATISFACTION EXPRESSED BY COLLEGE SUPERVISORS OR THE STUDENT TEACHERS' CONFIDENCE OR TEACHING SKILL SCORES. COST IS COMPARABLE WHEN SCHOOLS AND UNIVERSITIES HAVE THE NEEDED EQUIPMENT. THE FACE-TO-FACE METHOD REQUIRED 7 HOURS MORE PER STUDENT TEACHER. THIS PH.D. DISSERTATION WAS SUBMITTED TO THE OHIO STATE UNIVERSITY. (JK). ERIC



TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

RECID INDEX

PAGE 23

4128A

\*\*\*

4128A

PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA

RAPID CITY, SOUTH DAKOTA, DOUGLAS INDEPENDENT SCHOOL DISTRICT 3. PROJECT NUMBER DPSC-66-2221, 146P. PAGE ES 000 656

// INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION

A CENTER WILL BE PLANNED AND FIVE PROJECTS CONDUCTED TO SERVE STUDENTS FROM 17 COUNTIES. ONE PROJECT WILL INVOLVE PLANNING A DATA-PROCESSING, REPORTING SYSTEM TO EXCHANGE AND COMPARE PERFORMANCE DATA AMONG 18 SCHOOL DISTRICTS. EACH DISTRICT WILL BE CONNECTED TO A CENTRAL COMPUTER WHERE MANAGEMENT AND STUDENT RECORDS WILL BE STORED. LONG-RANGE PLANS INCLUDE SUCH POSSIBILITIES AS MASTER SCHEDULING AND PROGRAMED INSTRUCTION. THE SECOND PROGRAM INVOLVES A TELEPHONE COMMUNICATION SYSTEM FOR GROUP AND INDIVIDUAL CONFERENCE PURPOSES. A TOUCH-TONE TYPE TELEPHONE WILL BE INSTALLED IN EACH OF 18 SCHOOL DISTRICTS TO IMPROVE COMMUNICATIONS AND MAKE MORE EFFECTIVE USE OF TIME BY SCHOOL PERSONNEL. THE THIRD PROJECT WILL BE A TUMBLING AND GYMNASTICS PROGRAM FOR GRADES 1-12 IN A CITY SCHOOL SYSTEM TO IMPROVE MOTOR SKILLS, TEACH BALANCE AND COORDINATION, IMPROVE STRENGTH, GRACE, AND POISE, AND IMPROVE PHYSICAL FITNESS. PROJECT FOUR WILL INVOLVE A MOBILE REMEDIAL READING CLASSROOM - STAFFED WITH A REMEDIAL READING TEACHER - WHICH WILL VISIT EACH OF 21 SCHOOLS 12 TIMES PER MONTH. THE FIFTH PROJECT INVOLVES INSERVICE TRAINING, INCLUDING A FORMAL TRAINING PROGRAM FOR COUNTY SUPERINTENDENTS AND A BASIC SKILLS WORKSHOP FOR TEACHERS. APPROXIMATELY 45,706 STUDENTS WILL BE SERVED. (JE). PAGE

## CARBON-COUNTY COORDINATED INSTRUCTION CENTER

RAWLINS, WYOMING, CARBON COUNTY SCHOOLS PROJECT NUMBER DPSC-76-808. 45P. PACE ES 000 985

// WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING  
CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY

AN INSTRUCTIONAL CENTER AND AUDIOVISUAL LIBRARY WILL BE ESTABLISHED TO SERVE 10 PUBLIC SCHOOL DISTRICTS AND ONE PRIVATE SCHOOL IN THE COUNTY. THE CENTER WILL BE EQUIPPED WITH RECEIVING AND TRANSMITTING UNITS FOR AN ELECTROWRITER REMOTE BLACKBOARD SYSTEM. RECEIVING AND TRANSMITTING UNITS FOR THE ELECTROWRITER WILL ALSO BE INSTALLED AT THE STATE UNIVERSITY IN ANOTHER COUNTY AND LINKED TO THE CENTER. IN ADDITION, EACH OF THE SIX HIGH SCHOOLS IN THE COUNTY WILL BE EQUIPPED WITH RECEIVING UNITS LINKED TO THE CENTER. THE ELECTROWRITER WILL BE USED FOR A GUEST LECTURE SERIES, CLASSROOM LECTURES, AND EXTENSION COURSES FOR TEACHERS, CONDUCTED BY UNIVERSITY FACULTY MEMBERS AND TRANSMITTED FROM THE UNIVERSITY. PROGRAMS INVOLVING GUEST LECTURERS AND TEAM TEACHERS WILL ALSO BE PRODUCED LOCALLY. THE ELECTROWRITER--OR TELELECTURE--SYSTEM ALLOWS FOR BOTH ORAL AND VISUAL CONTACT BETWEEN THE LECTURER AND LARGE OR SMALL CLASSES THAT MAY BE SCATTERED OVER A LARGE AREA. ORAL CONTACT IS PROVIDED VIA TELEPHONE. A VISUAL IMAGE IS TRANSMITTED OVER A TELEPHONE WIRE, RECEIVED BY THE ELECTROWRITER RECEIVER, AND PROJECTED ON A MOVIE SCREEN. THE LECTURER CAN TRANSMIT SKETCHES, DIAGRAMS, AND MAPS. THE ELECTROWRITER SYSTEM WILL MAKE IT POSSIBLE TO PRESENT ADVANCED PLACEMENT OR SPECIAL-INTEREST CLASSES NOT OFFERED IN THE REGULAR CURRICULUM IN EACH SCHOOL BECAUSE OF SMALL ENROLLMENTS AND LIMITED FINANCES. APPROXIMATELY 4,098 ELEMENTARY AND SECONDARY STUDENTS WILL BE SERVED. (JE) PACE

FINANCES. APPROXIMATELY 4,098 ELEMENTARY AND SECONDARY STUDENTS WILL BE SERVED. (JE) PACE

## SPECIAL EDUCATION SERVICE CENTER

DOWNEY, CALIFORNIA, DOWNEY UNIFIED SCHOOL DISTRICT. PROJECT NUMBER DPSC-68-5949. PACE ES 002 566

// DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED  
INSTRUCTIONAL-MATERIALS-CENTER

A PROGRAM OF TELECLASS TEACHING WILL BE ESTABLISHED FOR PHYSICALLY HANDICAPPED, HOMEBOUND STUDENTS FROM 13 PARTICIPATING DISTRICTS. MULTIDISTRICT PROGRAMS OF INSERVICE EDUCATION, DEMONSTRATION TEACHING AND MATERIALS DEVELOPMENT FOR SPECIAL EDUCATION TEACHERS WILL BE PROVIDED. FIVE PROGRAMS WILL BE ESTABLISHED IN THE CENTER 1) A MULTIDISTRICT PROGRAM OF TELECLASS TEACHING FOR PHYSICALLY HANDICAPPED, HOMEBOUND STUDENTS 2) A CONTINUING PROGRAM OF INSERVICE EDUCATION, ON AN INTERDISTRICT BASIS, FOR PROFESSIONAL AND SEMIPROFESSIONAL PERSONNEL WHO WORK WITH EXCEPTIONAL CHILDREN 3) A SPECIAL EDUCATION INSTRUCTIONAL MATERIALS CENTER TO EVALUATE, DEMONSTRATE, DISPLAY AND DEVELOP CURRICULUM MATERIALS 4) COORDINATION OF COOPERATIVE PLANNING AND PLACEMENT OF HANDICAPPED STUDENTS IN AREAS OF DISABILITY WHERE INDIVIDUAL DISTRICTS HAVE INADEQUATE NUMBERS OF CHILDREN TO OPERATE INDIVIDUAL PROGRAMS 5) REFERRAL SERVICES TO ASSIST IN SECURING THE NEEDED SERVICES FOR HANDICAPPED CHILDREN. APPROXIMATELY 6,452 STUDENTS, GRADES 1-12, WILL BE SERVED. (JL) PACE

MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION

MARYLAND STATE MEDICAL JOURNAL 16, P90-3, MARCH 1967

// MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD  
EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD

SINCE A STATEWIDE EDUCATIONAL TELEVISION NETWORK WAS NOT AVAILABLE AND FM RADIO APPEARED PROHIBITIVELY EXPENSIVE, COMMUNITY HOSPITALS IN MARYLAND WERE LINKED BY TELEPHONE IN OCTOBER, 1965 '...FOR THE PURPOSE OF DISSEMINATING PROGRAMS OF MEDICAL INTEREST AMONG MARYLAND PHYSICIANS.' PARTICIPANTS IN VARIOUS CONVENIENT LOCATIONS CAN LISTEN TO THE SIMULTANEOUS TRANSMISSION OF MATERIAL AND SPEAK OVER THE NETWORK. FURTHERMORE, SLIDES AND OTHER SUPPLEMENTARY MATERIAL ARE DUPLICATED AND DISTRIBUTED BY MAIL BEFORE EACH PROGRAM AND USED IN CONJUNCTION WITH THE AUDIO TRANSMISSION. THIS SYSTEM FACILITATES THE RAPID SHARING OF MEDICAL AND PARAMEDICAL PROGRAMS AND IS ESPECIALLY BENEFICIAL TO THOSE HOSPITALS WITH LIMITED RESOURCES. THE PROJECT HAS BEEN FINANCED BY THE HOSPITALS, THE STATE HEALTH DEPARTMENT AND THE PHYSICIANS' STATE ORGANIZATION, WITH THE PHYSICIANS RETAINING OVERALL CONTROL. PRESENTLY MEDIC PROGRAMS ARE EVALUATED BY MEANS OF TABULATION OF PHYSICIANS ATTENDING AND THEIR COMMENTS AND CRITICISMS. IN 18 MONTHS THE MEDIC NETWORK HAS GROWN CONSIDERABLY AND NOW INVOLVES 30 GENERAL HOSPITALS OUT OF THE 44 IN THE STATE. PROVISIONS ARE BEING MADE TO TAPE RECORD AND STORE THE TELECONFERENCE PROGRAMS FOR FUTURE REFERENCE AND USE BY A WIDER AUDIENCE. HELDRICH HOPES FOR THE EXPANSION OF MEDIC TO INCORPORATE THE USE OF TELEVISION. WH

\*\*\* MEYER, THOMAS C. \* HANSEN, RICHARD H. \* KELIHER, JERRY J.

COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL

JOURNAL OF MEDICAL EDUCATION 43,1, P73-7, JAN 1968

## REC'D INDEX

4133C

\*\*\* HORNBACK, MAY S. \* BRUNCLIK, HELEN L.

4133C

PARTY-LINE FOR NURSES

NURSING CUTLOOK 16, P30-1, MAY 1968

// WISCONSIN-UNIV EXTENSION-OW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE  
VISUAL-AIDS ETN-SCA FM-RADIO

THE UNIVERSITY EXTENSION DEPARTMENT OF NURSING OF THE UNIVERSITY OF WISCONSIN HAS INITIATED A PROGRAM OF TELELECTURES TO BRING INSERVICE INSTRUCTION TO NURSES THROUGHOUT THE STATE. UTILIZING A TELEPHONE CIRCUIT TO 24 CAMPUS CENTERS, A TRIAL PROGRAM OF 12 LECTURES BEGAN IN FEBRUARY 1966 UNDER THE DIRECTION OF ELIZABETH REGAN AND SIGNE S. COOPER OF THE DEPARTMENT OF NURSING. CLASSES CONSISTED OF A HALF HOUR LECTURE AND A HALF HOUR QUESTION PERIOD. THE LECTURES WERE PRERECORDED TO AVOID UNFORESEEN DIFFICULTIES, AND PRINTED AND VISUAL AIDS WERE MAILED TO PARTICIPATING CENTERS. NURSE COORDINATORS MANAGED THE CLASSES AT RECEPTION SITES, AND EVALUATION QUESTIONNAIRES WERE FILLED OUT AT THE END OF THE FIFTH CLASS. FOLLOWING THIS SUCCESSFUL EXPERIMENT, MORE NURSING CLASSES WERE SCHEDULED, INCLUDING SOME WHICH WERE SIMULTANEOUSLY HEARD OVER FM STATIONS. THE ARTICLE CONCLUDES WITH AN EXTENSIVE REVIEW OF THE PROGRAM COSTS. FK

4135C

\*\*\* PACE, WILLIAM G. \* SCHWEIKART, ROBERT B.

4135C

MEDICAL EDUCATION NETWORK

OHIO STATE MEDICAL JOURNAL 64, P38+, JAN 1968

// OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED  
FM-RADIO TV CATV

THE OHIO MEDICAL EDUCATION NETWORK (OMEN) WAS ESTABLISHED IN 1962 TO FILL THE GROWING NEED TO DISSEMINATE INFORMATION FROM MEDICAL RESEARCH CENTERS TO PHYSICIANS AND PATIENTS AS QUICKLY AS POSSIBLE. PROGRAMS ARE BROADCAST FIVE TIMES WEEKLY OVER A DOZEN FM RADIO STATIONS TO 61 HOSPITALS IN OHIO, PENNSYLVANIA, KENTUCKY AND WEST VIRGINIA. BROADCAST AT NOON, THE ONE-HOUR PROGRAMS ARE 'LIVE,' TWO-WAY DISCUSSIONS BETWEEN HOME-COMMUNITY PHYSICIANS AND MEDICAL SCHOOL TEACHERS ON SUBJECTS VITAL TO CONTINUING MEDICAL EDUCATION. IN 1966 THE PROGRAMMING WAS EXPANDED TO INCLUDE NURSING TOPICS. OPEN-CIRCUIT TV WITH TWO-WAY AUDIO HAS ALSO BEEN USED BY THE OMEN. CM

ANOTHER WAY FOR DOCTORS TO KEEP UP

MEDICAL ECONOMICS 43, P124-6, APRIL 4, 1966

// TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES  
TAPE-RECORD

TELE-MED IS A COMMERCIAL DIAL-ACCESS SERVICE WHICH PROVIDES PRACTICING DOCTORS ACCESS TO CURRENT

TELE-MED IS A COMMERCIAL DIAL-ACCESS SERVICE WHICH PROVIDES PRACTICING DOCTORS ACCESS TO CURRENT

MEDICAL INFORMATION. TAPED PROGRAMS INCLUDING MEDICAL NEWS REPORTS, ANNOUNCEMENTS OF MEDICAL MEETINGS, PREVIEWS OF JOURNALS AND INTERVIEWS WITH MEDICAL PERSONALITIES ARE MADE AVAILABLE BY TELEPHONE 24 HOURS A DAY. IRVIN P. SULDS CREATED TELE-MED, WHICH UTILIZES LEASED TELEPHONE LINES AND SERVES NEW YORK, CHICAGO, DETROIT, LOS ANGELES AND SEATTLE. THE SERVICE IS FINANCED BY PHARMACEUTICAL COMPANIES WHICH AIR A COUPLE OF COMMERCIALS DURING EACH 12-MINUTE PROGRAM. THE SERVICE COSTS PHYSICIANS ONLY THE PRICE OF A PHONE CALL, AND THEIR RESPONSE HAS GENERALLY BEEN FAVORABLE. FOR PHYSICIANS IN CITIES WITHOUT TELE-MED, TAPES OF THE PROGRAMS FOR ONE WEEK MAY BE RENTED. THE VENTURE IS EXPECTED TO EXPAND RAPIDLY TO INCLUDE OTHER CITIES. FK

4137C

\*\*\*

4137C

PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO

PHYSICAL THERAPY 49, P192, FEB 1969

// NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED  
FM-RADIO

PHYSICAL THERAPISTS IN 40 HOSPITALS IN THE TRI-STATE (NEW YORK, VERMONT AND MASSACHUSETTS) ALBANY REGIONAL MEDICAL PROGRAM ARE ABLE TO DISCUSS SPECIALIZED PHYSICAL THERAPY TECHNIQUES WITH EACH OTHER AND WITH SPECIALISTS OVER THE TWO-WAY FM RADIO NETWORK OF ALBANY MEDICAL COLLEGE. 'THE ALBANY REGIONAL MEDICAL PROGRAM IS AN EFFORT TO IMPROVE PATIENT CARE BY STIMULATING COOPERATION IN THE MEDICAL COMMUNITY AND BY ACCELERATING DISTRIBUTION OF MEDICAL KNOWLEDGE TO HEALTH AND MEDICAL WORKERS.' LC

4138C

\*\*\*

4138C

TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP

AMERICAN JOURNAL OF NURSING 69, P926+, MAY 1969

// MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK

'BUFFALO, N.Y. A 955,685 DOLLAR GRANT TO THE REGIONAL MEDICAL PROGRAM FOR WESTERN NEW YORK WILL FINANCE, AMONG OTHER PROJECTS, CONTINUATION OF THE TWO-WAY TELEPHONE LECTURE NETWORK, WHICH PRESENTS TELEPHONE LECTURES FOR NURSES, PHYSICIANS, DENTISTS, PHARMACISTS, AND OTHER HEALTH ALLIED PROFESSIONS AND CORONARY CARE TRAINING PROGRAM FOR PHYSICIANS AND NURSES IN BUFFALO. THE TELEPHONE NETWORK HAS 47 LISTENING POSTS IN HOSPITALS THROUGHOUT THE REGION. IT PROVIDES LECTURES AND CONFERENCES TO A VARIETY OF AUDIENCES VIA THE PRIVATE TELEPHONE LINE. A PROGRAM IN PULMONARY DISEASES IS PLANNED FOR NURSES AND PHYSICIANS. THE ALREADY FUNCTIONING CORONARY CARE TRAINING PROGRAM LAST YEAR PROVIDED 72 NURSES AND 60 PHYSICIANS WITH TRAINING IN THE OPERATION OF CORONARY OR CARDIAC CARE UNITS.' FULL NEWS ITEM QUOTED HERE.

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

REC'D INDEX

PAGE 25

4139C

\*\*\*

4139C

GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS

HOSPITALS 42, P147, FEB 1, 1968

// GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR  
LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR

\*A HAM RADIO STATION PROVIDING EMERGENCY CONSULTATION TO HOSPITALS, MEDICAL SCHOOLS, AND MISSIONS OVERSEAS IS BEING OPERATED BY GEORGETOWN UNIVERSITY, WASHINGTON, D.C. DEDICATED JANUARY 4, THE FACILITY IS KNOWN AS THE INTERNATIONAL MEDICAL AMATEUR RADIO SOCIETY. INITIAL BROADCASTS ARE BEING MADE BETWEEN GEORGETOWN AND SIMILAR MEDICAL RADIO FACILITIES AT THE UNIVERSITY OF QUAYAQUIL MEDICAL SCHOOL, QUAYAQUIL, ECUADOR, AND AT MEDICAL MISSIONS IN LATIN AMERICA. RADIO CONTACTS ARE BEING PLANNED WITH THE EDINBURGH SCHOOL OF MEDICINE IN SCOTLAND AND THE RADIO STATION AT THE UNIVERSITY OF MEXICO MEDICAL SCHOOL IN MEXICO CITY.' FULL NEWS ITEM QUOTED HERE. SEE 4141

4140C

\*\*\*

4140C

NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM

AMERICAN JOURNAL OF NURSING 66, P1702, AUGUST 1966

## GEORGETOWN'S INTERNATIONAL RADIO

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 200,9, P807, MAY 29, 1967

// GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ

'A NEW SHORTWAVE RADIO STATION, WA3FXJ, WITH STUDIOS ON THE CAMPUS OF GEORGETOWN UNIVERSITY HAS BEEN ESTABLISHED RECENTLY. THE NEW UNIT WILL BE KNOWN AS GEORGETOWN'S INTERNATIONAL MEDICAL AMATEUR RADIO STATION AND IT WILL BE USED PRIMARILY FOR TEACHING MEDICAL STUDENTS IN OTHER COUNTRIES. THE STATION WILL PROVIDE A SERIES OF MEDICAL PROGRAMS AND AN EMERGENCY CONSULTING SERVICE FOR TEACHING PURPOSES WHENEVER AND WHEREVER THE NEED EXISTS. FINANCIAL SUPPORT OF THIS STATION CAME FROM THE RIKER LABORATORIES, A DIVISION OF REXALL COMPANY (WASHINGTON DAILY NEWS, APRIL 18, 1967).' FULL NEWS ITEM QUOTED HERE. SEE 4139

\*\*\* GLYNN, ELIZABETH N.

## NURSING RADIO CONFERENCES

NURSING OUTLOOK 15, P32-3, MAY 1967

// SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM

FM-RADIO KXQR-FM KPFA-FM

A SERIES OF 24 ONE-HOUR RADIO CONFERENCES FOR NURSES WAS SPONSORED BY THE UNIVERSITY OF CALIFORNIA CONTINUING EDUCATION IN MEDICINE AND THE HEALTH SCIENCES AND THE SCHOOL OF NURSING DURING THE ACADEMIC YEAR 1965-66. THE TELECONFERENCES WERE BROADCAST OVER ONE COMMERCIAL STATION (KXQR-FM - FRESNO) AND ONE EDUCATIONAL STATION (KPFA-FM - BERKELEY). THEY HAD AN ESTIMATED AUDIENCE OF 1300, 400 OF WHOM LISTENED AT ONE OF THE PARTICIPATING HOSPITALS. EACH OF THESE 40 INSTITUTIONS CONTRIBUTED 100 DOLLARS TOWARDS THE ANNUAL EXPENSES AND RECEIVED OUTLINES AND BIBLIOGRAPHS BEFORE EACH BROADCAST. AUDIENCE PARTICIPATION WAS ENCOURAGED. TEN HOSPITALS WERE LINKED TO THE RADIO STUDIO BY TELEPHONE, SO THAT NURSES COULD ASK QUESTIONS DURING THE BROADCAST. ALL PROGRAMS WERE SUBSEQUENTLY EVALUATED BY QUESTIONNAIRES. REACTIONS TO THE SERIES PROVED SO FAVORABLE THAT IT WAS CONTINUED DURING THE 1967-68 SCHOOL YEAR. GLYNN COMMENTS ON THE PROGRAM IN WHICH SHE PARTICIPATED AND NOTES THAT QUESTIONS WERE PRACTICAL AND FREQUENTLY DEALT WITH CRISIS SITUATIONS. WH

\*\*\* ZIMMERMAN, HARRY

EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING

PAPER PRESENTED AT THE ADULT EDUCATION RESEARCH CONFERENCE, MINNEAPOLIS, FEBRUARY 27-28, 1970.  
11P. ERIC ED 036 763

// WISCONSIN EXTENSION-UNIV ETN EVALUATION-FORMAL

A STUDY WAS MADE OF A NONCREDIT HOME ECONOMICS PROGRAM PRESENTED BY THE UNIVERSITY OF WISCONSIN EXTENSION OVER THE STATEWIDE EDUCATIONAL TELEPHONE NETWORK (ETN). THE STUDY WAS LIMITED TO THE TOTAL POPULATION INVOLVED IN ONE PROGRAM (54) AND THEIR IMMEDIATE REACTION TO THAT PROGRAM. METHODOLOGY USED WAS A COMBINATION OF ACTION RESEARCH AND FIELD RESEARCH. THE INSTRUMENT WAS DEVELOPED AROUND SIX FACTORS, ENVIRONMENT, CONTENT, PROGRAM PROCESS, LECTURER, MODERATOR, AND TECHNICAL QUALITIES OF THE ETN. VARIABLES CONCERNED WITH THE VARIOUS FACTORS WERE INTERSPERSED AND RESULTED IN 48 ITEMS PLUS A 9-POINT SCALE FOR AN OVERALL ASSESSMENT OF THE PROGRAM. A FOUR-POINT INTERVAL SCALE WAS USED WITH EACH OF THE 48 VARIABLES. THE INSTRUMENT WAS OPEN-ENDED, WITH PROVISION FOR SUGGESTIONS FOR IMPROVEMENT. SUBJECTIVE EVALUATIVE INFERENCE BASED ON MEANS AND STANDARD DEVIATIONS INDICATED THE OVERALL PROGRAM WAS SOMEWHAT BETTER THAN A POSSIBLE AVERAGE BUT WITH ROOM FOR IMPROVEMENT. A BETTER APPROACH TO ORGANIZATION AND A MORE CAREFUL ANALYSIS OF THE LEVEL OF CONTENT COULD LEAD TO INCREASED EFFECTIVENESS. THE MODERATOR SHOULD ASSUME THE ROLE OF GROUP LEADER IN AN ATTEMPT TO BRING ABOUT MORE GROUP INTERACTION. (AUTHOR/EB). ERIC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

REC'D INDEX

PAGE 26

4504C

\*\*\* KING, FRANKLIN J.

4504C

FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS



// INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING  
EVALUATION-OTIS-EMPLOYMENT-TEST COST

TO TEST THE FEASIBILITY OF TEACHING A METHODS COURSE TOTALLY OR PARTIALLY BY TELELECTURE, A CONTROL GROUP OF 15 WAS TAUGHT BY TRADITIONAL LECTURE-DISCUSSION, AN EXPERIMENTAL GROUP OF 15 WAS TAUGHT WITH 50 PERCENT TRADITIONAL AND 50 PERCENT TELELECTURE, AND ANOTHER EXPERIMENTAL GROUP OF 25 WAS TAUGHT ONLY BY TELELECTURE. EACH GROUP CONSISTED OF INSERVICE VOCATIONAL-TECHNICAL TEACHERS ENROLLED IN A ONE-SEMESTER COURSE ON THE PRINCIPLES OF TEACHING INDUSTRIAL SUBJECTS. ALL STUDENTS WERE GIVEN AN OTIS EMPLOYMENT TEST AND A PRETEST OF COURSE CONTENT TO MEASURE GENERAL ABILITY AND INITIAL STATUS, AND WRITTEN AND ORAL EVALUATION PROCEDURES WERE CONDUCTED THROUGHOUT THE COURSE. DATA WERE ANALYZED BY ONE-WAY ANALYSIS OF VARIANCE, CHI-SQUARE, COEFFICIENT OF CORRELATION, AND CONCORDANCE W. CONCLUSIONS INDICATED 1) A PROFESSIONAL COURSE MAY BE PRESENTED WITH EQUIVALENT RESULTS EITHER BY TRADITIONAL OR TELELECTURE METHODS 2) STUDENT ATTITUDES WERE NOT ADVERSELY AFFECTED BY EITHER COURSE CONTENT OR METHOD OF PRESENTATION AND 3) TELELECTURE WAS MORE ECONOMICAL IN COSTS AND IN TRAVEL TIME. THIS ED.D. THESIS WAS SUBMITTED TO THE UNIVERSITY OF MISSOURI. (GR) ERIC

4505A

\*\*\* BEATTIE, THOMAS \* FRICK, PAUL

4505A

THE TELEPHONE METHOD OF TEACHING

DENVER, COLORADO STATE DEPARTMENT OF EDUCATION, (1963) 23P. ERIC ED 026 357

// COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT  
AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO

IN ORDER TO DETERMINE THE FEASIBILITY OF BRINGING OUTSTANDING TEACHERS TO THE HIGH SCHOOL CLASSROOM, 5 SMALL COLORADO SCHOOLS EXAMINED MULTISCHOOL SHARING OF INFORMATION THROUGH USE OF LONG-DISTANCE CONFERENCE TELEPHONE CALLS. THREE OF THE EXPERIMENTS INVOLVED COLLEGE PROFESSORS LECTURING VIA TELEPHONE TO HIGH SCHOOL STUDENTS IN AMERICAN HISTORY CLASSES. THE STUDENTS RESPONDED WITH QUESTIONS, THUS CREATING A LIMITED 2-WAY COMMUNICATION WHICH IS NOT POSSIBLE WITH TELEVISION, TAPE RECORDERS, AND RADIO MEDIA. THE INSTRUCTORS FELT THAT THEIR STUDENTS BENEFITED FROM THE EXPERIMENTS AND THAT TELEPHONE USE HAS MANY UNEXPLORED POSSIBILITIES AS A TEACHING DEVICE. THE DOCUMENT IS APPENDED WITH PROJECT COSTS (FINANCIAL AND TECHNICAL ASSISTANCE WAS PROVIDED BY THE MOUNTAIN STATES TELEPHONE CO.) AND WITH THE QUESTIONNAIRES USED IN EVALUATING THE STUDY. (AN) ERIC

4506C

\*\*\* EVERLY, JACK C.

4506C

INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES

// ILLINOIS-UNIV UNIVEX EXTENSION-UNIV AGRICULTURE EVALUATION-QUESTIONNAIRE  
EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY

THIS REPORT REVIEWS EVALUATIONS OF TWO INSTRUCTIONAL SYSTEMS THAT THE FACULTY OF THE COLLEGE OF AGRICULTURE, UNIVERSITY OF ILLINOIS, ARE NOW USING IN THEIR EXTRAMURAL TEACHING. THE SYSTEMS ARE 1) "UNIVEX NET," WHICH TRANSMITS AUDIO AND VISUAL SIGNALS VIA TELEPHONE LINES FROM ONE CAMPUS CLASSROOM TO ANOTHER CLASSROOM LOCATED SOMEWHERE ELSE IN THE STATE AND 2) AUTO-TUTORIAL CAPREL UNITS WHICH PROVIDE FOR INDEPENDENT STUDY. A COMBINATION OF THE AUTO-TUTORIAL AND THE UNIVEX SYSTEM IS ALSO EVALUATED. THE EVALUATIONS ARE LEARNER ORIENTED. ATTITUDE WAS MEASURED WITH THE ILLINOIS COURSE EVALUATION QUESTIONNAIRE. ACTUAL PERFORMANCE WAS MEASURED BY GRADES AND SPECIFIC CRITERIA FOR SUCCESS IN OBTAINING EDUCATIONAL OBJECTIVES. (THE QUESTIONNAIRE AND FOUR REFERENCES ARE INCLUDED.) (AUTHOR/LY). ERIC

4507C

\*\*\* PETERSON, BERNADINE H.

4507C

ADULT EDUCATION BY MEANS OF TELEPHONE

PAPER PRESENTED AT THE ADULT EDUCATION RESEARCH CONFERENCE, MINNEAPOLIS, FEBRUARY 27-28, 1970. 7P.  
ERIC ED 036 758

// WISCONSIN-UNIV EXTENSION-UNIV GRADUATE-ED CONTINUING-ED HOME-ECONOMICS  
EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION

USING A GRADUATE CREDIT AND A NONCREDIT HOME ECONOMICS COURSE, THIS STUDY OF THE UNIVERSITY OF WISCONSIN EDUCATIONAL TELEPHONE NETWORK (ETN) INVESTIGATED WHETHER TELEPHONE INSTRUCTION CAN BE EFFECTIVE IN ADULT EDUCATION, AND HOW ADULTS WOULD REACT TO THIS MEDIUM OF REMOTE, OFF CAMPUS EXTENSION TEACHING. THE GRADUATE COURSE WAS DIVIDED BETWEEN AN EXPERIMENTAL GROUP (TELEPHONE) AND A CONTROL GROUP (ON CAMPUS, FACE-TO-FACE INSTRUCTION). THE ETN NONCREDIT SEMINAR CONSISTED OF THREE TWO-HOUR SESSIONS, ONE A WEEK. TENTATIVE EVALUATIONS LED TO THESE CONCLUSIONS 1) WAYS OF HANDLING TELEPHONE COURSE CONTENT AND FORMAT NEED TO BE IDENTIFIED AND IMPLEMENTED 2) PARTICIPANTS AND PROGRAM LECTURERS NEED PREPARATION FOR THE MECHANICAL ASPECT OF SUCH EXPERIENCES 3) CERTAIN TYPES OF INDIVIDUALS FUNCTION BETTER WITH ARTICULATED MEDIA THAN OTHERS DO 4) VISUAL AIDS IN TELEPHONE INSTRUCTION ENHANCE PRESENTATIONS AND EASE REMOTENESS 5) CERTAIN SKILLS CAN BE LEARNED WHICH ENABLE PERSONS TO INCREASE THEIR EFFECTIVENESS UNDER TELEPHONE INSTRUCTION 6) TELEPHONE INSTRUCTION IS USEFUL FOR PERSONS SCATTERED OVER WIDE GEOGRAPHICAL AREAS, AND ITS USE SHOULD BE FURTHER REFINED, EXPANDED, AND EVALUATED. (AUTHOR/LY). ERIC

4511A

\*\*\* FARQUHAR, J.A. \* DEI ROSSI, J.A.

4511A

ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS

SANTA MONICA, CALIFORNIA, RAND CORPORATION, DECEMBER 1969. 9P. RAND REPORT NO. P-4272. ERIC ED  
038 156

// BIOMEDICAL-INFORMATION-NETWORKS COST

THE PAPER CONCERNS SOME OF THE ECONOMIC CONSIDERATIONS INHERENT IN DESIGNING USER SERVICES THAT INCORPORATE VARIOUS COMMUNICATION SYSTEMS. IT DESCRIBES THREE SUCH SERVICES CONSIDERED IMPORTANT IN PROVIDING INFORMATION TO THE BIOMEDICAL COMMUNITY COMPRISED OF PRACTICING PHYSICIANS AND THOSE ENGAGED IN TEACHING AND RESEARCH, AS WELL AS OTHER PROFESSIONALS DIRECTLY INVOLVED IN BIOMEDICAL RESEARCH AND IN THE PRACTICE OF MEDICINE. FOLLOWING THIS DISCUSSION IS A BRIEF DESCRIPTION OF SOME TECHNOLOGICAL DEVELOPMENTS THAT MIGHT MAKE THESE OR SIMILAR SERVICES AVAILABLE IN LESS EXPENSIVE WAYS, AS WELL AS SOME PROBLEM AREAS. (AUTHOR)

## REC'D INDEX

4512C

\*\*\* NILES, ANNE G.

4512C

## DEFINITIVE DIALING - NURSING DIAL-ACCESS

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION, MARCH 1970. 61P. ERIC ED 045 880

// WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE  
COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM

NURSING DIAL ACCESS, A TAPED LIBRARY AVAILABLE BY TELEPHONE TO PROFESSIONAL NURSES IN WISCONSIN, WAS DEVELOPED BY THE DEPARTMENT OF NURSING HEALTH SCIENCES UNIT, UNIVERSITY EXTENSION, AT THE UNIVERSITY OF WISCONSIN, UNDER A GRANT FROM THE WISCONSIN REGIONAL MEDICAL PROGRAM. THE PROGRAM, AVAILABLE ON AN AROUND-THE-CLOCK BASIS, PROVIDES SHORT TAPES ON A VARIETY OF NURSING AND MEDICAL SUBJECTS AND MAY BE USED FROM ANY TELEPHONE, FREE OF CHARGE TO WISCONSIN CALLERS. THE LIBRARY PRESENTS CORE INFORMATION IN THE CATEGORIES, NURSING CARE EMERGENCY SITUATIONS, NEW PROCEDURES AND EQUIPMENT, RECENT DEVELOPMENTS IN NURSING, AND LEGAL ASPECTS IN NURSING. NURSING DIAL ACCESS AVERAGES 1,000 CALLS A MONTH. A SURVEY OF THE USERS INDICATED THAT 1) THE PROGRAM HAS BEEN FOUND TO BE AN APPROPRIATE WAY TO PROVIDE CERTAIN TYPES OF INFORMATION 2) NURSES HAVE ACCEPTED THIS INFORMATION RETRIEVAL SYSTEM AND 3) THE PROGRAM HAS BEEN SUCCESSFUL IN MEETING ITS PURPOSE - TO ASSIST NURSES OUTSIDE THE METROPOLITAN AREAS OF THE STATE. (APPENDIXES INCLUDE A BIBLIOGRAPHY OF TAPES, GUIDELINES FOR DEVELOPING DIAL ACCESS LIBRARIES, AND LISTS OF TAPES AVAILABLE TO STATES OTHER THAN WISCONSIN.) (PT)

4514C

\*\*\* BARDWELL, JOHN D.

4514C

A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL  
INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND

DURHAM, N.H., NEW ENGLAND CENTER FOR CONTINUING EDUCATION (1968) 69P. ERIC ED 031 685

// INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER

THIS STUDY SOUGHT TO IDENTIFY PHYSICAL FACILITIES NEEDED TO CONNECT THE SIX NEW ENGLAND LAND-GRANT UNIVERSITIES. CRITERIA WERE TIME (USE OF CURRENT TECHNOLOGY), COST (REGULAR OPERATING BUDGETS OF PARTICIPATING INSTITUTIONS), MINIMAL PERSONNEL REQUIREMENTS, FLEXIBILITY, AND COMPATIBILITY. THE TELEPHONE SYSTEM, AN EXISTING MICROWAVE NETWORK, A DEVELOPING RADIO NETWORK, AND COMPUTERS AND OTHER COMMUNICATION DEVICES RECEIVED SPECIAL ATTENTION. IT WAS SUGGESTED, AMONG OTHER THINGS, THAT THE EASTERN EDUCATIONAL TELEVISION NETWORK (EEN) COULD BE THE BACKBONE OF AN EDUCATIONAL INFORMATION NETWORK, AND THAT A MAIN TRUNK MICROWAVE RELAY SYSTEM FROM WASHINGTON, D.C., TO MONTREAL COULD BE CREATED TO SERVE A COMPLETE REGIONAL DISTRIBUTION SYSTEM. (THE DOCUMENT INCLUDES PROVISIONS OF THE HIGHER EDUCATION ACT, TITLE 3, EEN ASSOCIATED INSTITUTIONS, AND DESCRIPTIONS OF THE EEN ITSELF, THE NEW ENGLAND LIBRARY INFORMATION NETWORK, A SHARED DATA PROCESSING SYSTEM FOR VERMONT HOSPITALS, THE PROPOSED AGRICULTURAL NETWORK OF THE NATIONAL AGRICULTURAL LIBRARY, THE PROPOSED UNIVERSITY INFORMATION TECHNOLOGY CORPORATION INVOLVING HARVARD AND THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND INFORMATION AND COMPUTER UTILITIES.) (LY) ERIC

ART BY TELEPHONE, DESIGN AND EVALUATION

LAS VEGAS, NEVADA, CLARK COUNTY SCHOOL DISTRICT, 1970. 31P. ERIC ED 044 222

// NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED  
CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III

THE ART-BY-TELEPHONE PROGRAM, FUNDED UNDER TITLE III OF THE ELEMENTARY AND SECONDARY EDUCATION ACT, INVOLVED RURAL HIGH SCHOOLS IN NEVADA, OREGON, IDAHO, AND UTAH. THE PROGRAM WAS DESIGNED TO OFFER ART INSTRUCTION FROM A MASTER TEACHER TO STUDENTS ENROLLED IN HIGH SCHOOLS WITH LIMITED FINANCIAL RESOURCES. INSTRUCTION IN ART WAS PROVIDED BY JOINING A NUMBER OF WIDELY SEPARATED SMALL RURAL HIGH SCHOOLS INTO A CONFERENCE SITUATION IN WHICH ALL UNITS OF THE SYSTEM, INCLUDING THE INSTRUCTOR, WERE SERVED BY A COMMON 2-WAY-COMMUNICATION, AMPLIFIED TELEPHONE SERVICE. THE NECESSARY TELEPHONE LINES WERE LEASED AT A SPECIAL CONFERENCE RATE FOR 50 MINUTES PER WEEK. IN ACCORDANCE WITH A PREARRANGED SCHEDULE, THE TELEPHONE CONFERENCE OPERATOR INITIATED THE NECESSARY LINE SIGNALS TO BRING ALL PARTICIPATING SCHOOLS AND MASTER TEACHER INTO A JOINED, OPEN-LINE COMMUNICATION SETTING. EACH SCHOOL WAS EQUIPPED WITH A TELEPHONE AMPLIFIED RECEIVER AND TRANSMITTER SO THAT STUDENTS IN ANY AREA OF THEIR CLASSROOM COULD HEAR ALL CONVERSATION AND COULD ALSO INITIATE ORAL RESPONSES. IN ADDITION TO THE AMPLIFIED TELEPHONE EQUIPMENT, EACH PARTICIPATING SCHOOL WAS EQUIPPED WITH AN OVERHEAD PROJECTOR, 35-MM SLIDE PROJECTOR, TAPE RECORDER, AND PROJECTION SCREEN. THE PROGRAM OPERATED FOR 2 YEARS AND WAS CONSIDERED A PIONEERING SUCCESS FOR THE WESTERN STATES SMALL SCHOOLS PROJECT. EIGHT APPENDICES ARE INCLUDED. (AL). SEE 4022-3 AND 4715. ERIC

TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION

DURHAM, NEW HAMPSHIRE UNIVERSITY, JULY 1970. 40P. ERIC ED 044 897

// INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST

THE USE OF A MICROWAVE NETWORK TO ESTABLISH EDUCATIONAL INFORMATION LINKS BETWEEN FOUR NEW HAMPSHIRE CAMPUSES IS CONSIDERED IN THIS REPORT. A BUDGETARY ESTIMATE IS MADE FOR A TWO-WAY MICROWAVE CIRCUIT BETWEEN THESE POINTS AND A TWO-WAY MICROWAVE CIRCUIT BETWEEN DURHAM AND SADDLERACK MOUNTAIN. THE PROPOSED MICROWAVE PATH, THE PROPOSED ROUTE FOR A MICROWAVE SYSTEM, AND THE PROPOSED AND EXISTING EDUCATIONAL TELEVISION NETWORK ARE ILLUSTRATED. THE POSSIBILITIES THAT THE NEW TECHNOLOGY OF INFORMATION TRANSFER BRING TO NATIONAL LIBRARIES AND UNIVERSITY LIBRARIES ARE DESCRIBED. THE INTERFACE BETWEEN INFORMATION SEEKERS AND INFORMATION SERVICES IS DISCUSSED. THE CONCLUSION IS MADE THAT TELEVISION IS UNIQUELY CAPABLE OF BEING BOTH THE FASTEST MODE OF TRANSMISSION AND, THROUGH THE DATA-PLEX SYSTEMS, THE COMMUNICATION SYSTEM MOST NEARLY CAPABLE OF HANDLING MASS TRAFFIC LOADS. (MF) ERIC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

REC'D INDEX

PAGE 28

4600C

\*\*\*

4600C

GE'S HOOKUP FOR BUSINESS CONFEREES

BUSINESS WEEK 2183, P24+6, JULY 11, 1970

// CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC

THIS ARTICLE REVEALS GE'S PLANS TO BEGIN OPERATING A CLOSED CIRCUIT NATIONAL CONFERENCE TELEVISION NETWORK BY OCTOBER OF 1970. GE PLANS TO MAKE THIS 'COMMAND PERFORMANCE NETWORK' ECONOMICALLY SOUND BY LEASING TELEPHONE LINES FOR A SET PERIOD, AS IS DONE BY COMPANIES WHICH LEASE COMPUTER TIME. A TV PROJECTOR, RATHER THAN TYPICAL RECEIVER, WILL BE USED. CHRISTOPHER S. CARVER, THE NETWORK'S MARKETING MANAGER, SAYS THE SYSTEM'S MARKET WILL BE THE NATION'S 1,000 LARGEST CORPORATIONS. GE IS NEGOTIATING WITH SHERATON HOTELS CONCERNING PLACEMENT OF THE FACILITIES. GE'S MAIN COMPETITOR WILL BE MANAGEMENT TELEVISION SYSTEMS, INC. NEWS ITEM. FK

4608C

\*\*\* MCCURDY, PAT

4608C

THE INNOVATING GROUP INNOVATES WITH TV

// HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV  
TECHNOLOGY-COMMUNICATION-INC

IN JANUARY OF 1970, A CONFERENCE/WORKSHOP WAS HELD AT HARRISON HOUSE IN GLEN COVE, NEW YORK TO EXPLORE WAYS OF UTILIZING COMMUNICATIONS TECHNOLOGY. SPONSORED BY TECHNOLOGY COMMUNICATIONS, INC. (TCI), THE CONFERENCE WAS A STUDY IN INNOVATION AS THE TCI STAFF MEMBERS SOUGHT WAYS TO CREATE THE BEST ENVIRONMENT FOR INDIVIDUAL AND GROUP DISCUSSION. MANY FORMATS WERE TRIED, BUT CLOSED CIRCUIT TV WAS SO EFFECTIVE THAT THEATRE-STYLE MEETINGS WERE ABANDONED. DISCUSSION LEADERS REMAINED THE ONLY ONES LISTENING TO SPEAKERS IN PERSON. THE AUTHOR STATES THAT FEEDBACK WAS GENERALLY FAVORABLE. HE ALSO NOTES THAT A MINORITY OF PARTICIPANTS WERE UNIMPRESSED WITH TV. IN A POSTMORTUM INTERVIEW, TCI PRESIDENT BILL MAASS REFERRED TO TCI'S STAFF AS 'ENVIRONMENT CREATORS,' WHILE BOB CALHORN, EXECUTIVE DIRECTOR, SUGGESTED THAT TCI'S MAIN GOAL WAS PARTICIPATION. FK

4609C

\*\*\*

4609C

ON-SITE CONTINUING EDUCATION

MECHANICAL ENGINEERING 92,10, P42, OCT 1970

// DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS  
FM-RADIO

IN SEPTEMBER 1971, THE ENGINEERING SCHOOL OF THE UNIVERSITY OF PENNSYLVANIA WILL BEGIN USING ITFS TO BROADCAST GRADUATE LEVEL CREDIT COURSES THROUGHOUT THE DELAWARE VALLEY. AIMED AT STUDENTS EMPLOYED IN BUSINESS AND INDUSTRY, THE ITFS SIGNALS WILL BE TRANSMITTED TO SITES IN WHICH HOME RECEIVERS ARE EQUIPPED WITH SPECIAL ADAPTERS. A REGULAR CLASS, RATHER THAN A STAGED

RECEIVERS ARE EQUIPPED WITH SPECIAL ADAPTERS. A REGULAR CLASS, RATHER THAN A STAGED

PRODUCTION, WILL BE TELEVISED. STUDENTS AT RECEIVING SITES WILL PARTICIPATE IN A CLASSROOM SITUATION BY DIRECTING QUESTIONS OR COMMENTS TO THE PROFESSOR VIA AN FM-RADIO TALK BACK. DR. A. NORMAN HIXSON, THE SYSTEM'S DIRECTOR, NOTES THAT TWO CHANNELS WILL BE USED TO AIR COURSES FROM 9 A.M. TO 4 P.M., MONDAY THROUGH FRIDAY. TWO MORE CHANNELS WILL BE ADDED IN THE FUTURE. FK

4618C

\*\*\*

4618C

EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE

IEEE SPECTRUM 5,3, P125, MARCH 1968

// BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE  
IBM

THE CATHOLIC ARCHDIOCESE OF BROOKLYN, WITH THE TECHNICAL ASSISTANCE OF IBM, IS CONDUCTING AN EDUCATIONAL EXPERIMENT USING A COMBINATION OF TV, COMPUTER AND TELEPHONE TO DISSEMINATE THE VIDEO TAPE LECTURE SERIES, 'THE WORLD OF COMPUTERS.' ONCE A WEEK, 70 TEACHERS RECEIVE HALF-HOUR INDIVIDUALIZED LECTURES VIA TV. AFTER EACH LECTURE A MULTIPLE CHOICE QUIZ IS GIVEN AND THE TEACHERS ANSWER USING A TWELVE-BUTTON TOUCH TONE PHONE. THE COMPUTER IS PROGRAMMED TO EVALUATE THE ANSWERS AND TO OFFER APPROPRIATE REVIEW LESSONS IMMEDIATELY. THE PROGRESS OF 'COMPUTER TEACHERS' IS BEING COMPARED WITH 'CONVENTIONAL METHOD' CONTROL GROUPS. THE RESULTS ARE NOT REPORTED. CM

## BETTER VIDEO CONFERENCES

BELL LABORATORIES RECORD 48,1, P19-22, JAN 1970

// HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS

THE BELL LABORATORIES ARE EXPERIMENTING WITH A VIDEO SYSTEM WHICH WOULD COMPLEMENT TELECONFERENCES BY PROVIDING VISUAL CONTACT AMONG PARTICIPANTS. CURRENTLY CONNECTING BELL LABORATORIES IN MURRAY HILL AND HOLMDEL, NEW JERSEY, THE NEW SYSTEM CAN ACCOMMODATE LARGE GROUPS WITH A NATURAL ATMOSPHERE NOT PREVIOUSLY ATTAINABLE. THE VIDEO SYSTEM USES A FULL-BAND (525-LINE, 4.3-MHZ), TWO-WAY TV CIRCUIT. THREE CAMERAS SPAN AN ARC OF PARTICIPANTS, AND AUTOMATIC SWITCHING CONTROLS, ACTUATED BY VOICE SOUNDS, TURN ON THE CAMERA WHICH COVERS THE PERSON WHO IS SPEAKING. A FOURTH CAMERA IS LOCATED OVERHEAD AND USES A ZOOM LENS TO FOCUS ON DRAWINGS, PRINTED MATERIALS AND OTHER VISUAL AIDS, WHILE A FIFTH CAMERA OVERVIEWS THE ENTIRE GROUP. THE CONFERENCE LEADER MUST CHOOSE BETWEEN FOUR MODES OF OPERATION, EACH OF WHICH PRESENT VARIATIONS IN THE UNIT'S AUTOMATIC SWITCHING SYSTEM. A COMPLEMENTARY AUDIO SYSTEM IS ALSO DESCRIBED IN THE ARTICLE, WHICH INCLUDES TWO DETAILED DIAGRAMS. FK

## TEACHING BY TELEPHONE

BELL LABORATORY RECORD 48,1, P23-5, JAN 1970

// NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI  
COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY

EDUCATORS HAVE RECENTLY BECOME INTERESTED IN THE TOUCH-TONE TELEPHONE AS AN EDUCATIONAL TOOL. AVAILABILITY, SIMPLICITY AND RELATIVE LOW COST ARE ITS MAJOR ATTRACTIONS. THE NEW YORK CITY BOARD OF EDUCATION IS STUDYING THE 'DIAL-A-DRILL' SYSTEM WHICH CAN BRING ARITHMETIC INTO THE HOMES OF UP TO 2000 SECOND TO SIXTH GRADE STUDENTS. THIS SYSTEM CAN BE FURTHER IMPROVED BY INCLUDING A 4030 MULTIPLE DATA SET SO THAT CALLS MAY BE ORIGINATED CENTRALLY AS WELL AS FROM OUTLYING AREAS. THE TOUCH-TONE SYSTEM USED BY THE OAK PARK-RIVER FOREST HIGH SCHOOL IS A RANDOM ACCESS RETRIEVAL SYSTEM WHICH INCLUDES 224 TAPES ON VARIED SUBJECTS. THE HIGH SCHOOL STUDENTS MAY CHOOSE ANY OF THE 6-15 MINUTE TAPES FROM ONE OF THE 75 CARRELS LOCATED THROUGHOUT THE SCHOOL. CALLS FROM THE STUDENT'S HOMES ARE HANDLED THROUGH THE 4030 COMPUTER LOCATED IN THE SCHOOL INFORMATION CENTER. CM

BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV

ELECTRO TECHNOLOGY 84,5, P32-3, NOV 1969

// COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY

A DIAL ACCESS SYSTEM (MEDICAL LECTURE BANK) HAS BEEN INSTALLED AT THE UNIVERSITY OF MISSOURI MEDICAL CENTER, COLUMBIA, MISSOURI. THE SYSTEM INCLUDES 500 AUDIO TAPES THAT ARE AVAILABLE TO PHYSICIANS 24 HOURS A DAY, SEVEN DAYS A WEEK. THIS SYSTEM IS FULLY AUTOMATIC, SINCE SPECIFIC PHONE NUMBERS ARE ASSIGNED TO SPECIFIC RECORDINGS. DR. CHARLES SARGENT, ASSISTANT DIRECTOR OF THE CENTER'S COMPUTERIZED PROGRAM, IS CONDUCTING EVALUATIONS OF THE USES, USERS, AND EFFECTIVENESS OF THE PRESENT SYSTEM. HE HOPES EVENTUALLY TO ENLARGE THE TAPE LIBRARY AND EXPAND SERVICES TO THE GENERAL PUBLIC. THE TITLE IS MISLEADING - THE ARTICLE DESCRIBES A TELEPHONE SYSTEM, NOT A TV SYSTEM. CM

THE CLASSROOM COMES TO THE ENGINEER

MACHINE DESIGN 42,16, P117-21, JUNE 25, 1970

// ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE  
ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ

MANY UNIVERSITIES AND ORGANIZATIONS SPONSORED BY INDUSTRY SUCH AS THE ASSOCIATION FOR CONTINUING EDUCATION (ACE) ARE USING COMMUNICATIONS TECHNOLOGY TO BRING SIMULATED CLASSROOM TEACHING TO THE WORKING ENGINEER. COMPANY EMPLOYEES ENROLL IN UNIVERSITY COURSES FOR CREDIT OR FOR



THE WORKING ENGINEER. COMPANY EMPLOYEES ENROLL IN UNIVERSITY COURSES FOR CREDIT OR FOR

UPDATING THEIR KNOWLEDGE AND RECEIVE REMOTE INSTRUCTION AT THEIR PLACE OF WORK. ALTHOUGH TELEVISION SEEMS TO BE THE MOST EFFECTIVE METHOD AVAILABLE, SOME PROJECTS INVOLVE VIDEOTAPE MACHINES OR 'ELECTRONIC BLACKBOARDS.' IN ALL CASES, '...TALKBACK IS AN ESSENTIAL PART OF THE SYSTEM.' THE MOST PROMISING AND LEAST COSTLY FEEDBACK METHOD SO FAR DEvised UTILIZES FM RADIO. THE MANY NETWORKS DESCRIBED IN THIS ARTICLE ARE USUALLY FINANCED BY THE PARTICIPATING COMPANIES, SINCE THEY HAVE A VESTED INTEREST IN ENCOURAGING CONTINUING EDUCATION FOR THEIR EMPLOYEES AND THEY SAVE MANY MAN-HOURS PREVIOUSLY WASTED IN TRAVEL. IN THE FUTURE, CATV AND SATELLITE SYSTEMS MAY HAVE CONSIDERABLE IMPACT ON THE DEVELOPMENT OF COLLEGE/INDUSTRY HOOKUPS.

WH

4646C

\*\*\* PETTIT, JOSEPH M. \* GRACE, DONALD J.

4646C

THE STANFORD INSTRUCTIONAL TELEVISION NETWORK

IEEE SPECTRUM 7,5, P73-80, MAY 1970

// CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ  
FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC

STANFORD'S FOUR-CHANNEL INSTRUCTIONAL TELEVISION NETWORK WAS ESTABLISHED IN 1969 MAINLY TO PROVIDE PART-TIME GRADUATE STUDENTS IN ENGINEERING WITH REMOTE INSTRUCTION AT THEIR PLACE OF WORK. PARTICIPATING COMPANIES PAY FOR THE TELECASTS, BUT COSTS ARE SMALL RELATIVE TO THOSE PREVIOUSLY INCURRED UNDER A DAY-RELEASE SYSTEM. FURTHERMORE, THE ASSOCIATION FOR CONTINUING EDUCATION (ACE), CONTROLLED BY THOSE ORGANIZATIONS INVOLVED IN THE NETWORK, IS ABLE TO DISSEMINATE MULTIFARIOUS MATERIAL AT THOSE TIMES WHEN REGULAR COURSES ARE NOT BEING HELD. TELEVISION SIGNALS ARE BROADCAST USING THE ALLOWED MAXIMUM OF 10 WATTS OF POWER ON THE ITFS BAND RESERVED FOR INSTRUCTIONAL PURPOSES BY THE FCC. TO PROVIDE FOR CONTINUAL FEEDBACK, STANFORD SUBMITTED A PROPOSAL TO THE FCC, WHICH RESULTED IN A RULE-MAKING DECISION PERMITTING 'FM RADIO TALK-BACK IN THE 4-MHZ RANGE AT THE UPPER END OF THE ITFS BAND (2686-2690 MHZ)...' FOR EACH OF THE CHANNELS. ALTHOUGH THE AUTHORS LAUD THE APPARENT SUCCESS OF THEIR NETWORK, THEY MAINTAIN THAT REMOTE INSTRUCTION SHOULD AUGMENT RATHER THAN REPLACE INSTRUCTION AND PERSONAL CONTACT ON THE CAMPUS.

WH

4648C

\*\*\*

4648C

CONFERENCE CALLS BECOME FUN

BUSINESS WEEK, P101, DEC 5, 1970

// NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESESSION-CO

TELESESSION CO., RECENTLY ESTABLISHED IN NEW YORK CITY BY RON RICHARDS, SETS UP NIGHTLY TELEPHONE DISCUSSION GROUPS. FOR A CHARGE OF 2 DOLLARS A PHONE SESSION, PARTICIPANTS MAY TALK WITH OTHER TELESESSION PARTICIPANTS ABOUT COMMON INTERESTS. SO FAR, 200 GROUP DISCUSSIONS HAVE TAKEN PLACE ON A VARIETY OF SUBJECTS. THE LARGEST SESSION INCLUDED 22 PEOPLE. 'GEORGE SILVERMAN, A PSYCHOLOGIST WHO SERVES AS THE COMPANY'S DIRECTOR OF RESEARCH AND DEVELOPMENT, SAYS THE LACK OF VISUAL CONTACT MEANS PEOPLE LISTEN MORE CAREFULLY TO OTHERS, WAIT THEIR TURN TO SPEAK, AND STRESS IDEAS RATHER THAN PERSONALITIES.' NEWS ITEM. CM

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 30

REC'D INDEX

4649C

\*\*\*

4649C

EDITORS GO TO CLASS VIA TELEPHONE HOOKUP

EDITOR AND PUBLISHER 102,49, P18, DEC 6, 1969

// CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED  
CURRICULUM-ENRICHMENT JOURNALISM

CLASSROOMS AT SACRAMENTO STATE, IOWA STATE AND THE UNIVERSITY OF NEVADA WERE HOOKED UP WITH FOUR  
NEWSPAPER EDITORS FOR A TELELECTURE ON EDITORIALS AND EDITORIAL POLICY. THE JOURNALISM  
STUDENTS WERE SUPPLIED WITH PRINTED MATERIALS BEFORE THE LECTURE. EQUIPMENT INCLUDED  
TELEPHONES WITH SPEAKERS AND MICROPHONES FOR ASKING QUESTIONS OF THE LECTURERS. ANOTHER  
'CONFERENCE CALL TELELECTURE' IS PLANNED FOR JANUARY 1970. NEWS ITEM. SEE 4650C. CM

4650C

\*\*\*

4650C

'J' STUDENTS QUIZ EDITORS ACROSS US

EDITOR AND PUBLISHER 102,51, P22, DEC 20, 1969

// CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED  
CURRICULUM-ENRICHMENT JOURNALISM

A CONFERENCE CALL TELELECTURE EXPERIMENT BETWEEN THREE COLLEGES HAS BEEN EXPANDED TO A MONTHLY  
SERIES. JOURNALISM STUDENTS AT SACRAMENTO STATE, IOWA STATE AND THE UNIVERSITY OF NEVADA WILL  
BENEFIT FROM THE EXPERIENCES OF EDITORS AND NEWSPAPERMEN FROM ALL OVER THE COUNTRY. THE  
90-MINUTE TELELECTURE WAS CONDUCTED OVER A CONFERENCE TELEPHONE AND LOUDSPEAKER HOOKUP. THE  
SIMPLICITY AND RELATIVE LOW COST OF THIS HOOKUP MAKE THIS SYSTEM PRACTICAL FOR EDUCATIONAL  
USES. DEAN ROBERTSON OF SACRAMENTO STATE EXPECTS THE MINOR TECHNICAL PROBLEMS WHICH WERE  
PREVIOUSLY EXPERIENCED TO BE IRONED OUT BY THE NEXT TELELECTURE. NEWS ITEM. SEE 4649. CM

## FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY

PUBLIC UTILITIES FORTNIGHTLY 82,12, P33-9, DEC 5, 1968

// FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM  
WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP  
COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE

MONAGHAN DISCUSSES SOME MAJOR PROBLEMS OF REGULATION THAT MUST BE CONFRONTED BEFORE '...THE TELEPHONE INDUSTRY MAY INDEED ADVANCE INTO A TELECOMMUNICATIONS SPACE AGE.' SHOULD ALL U.S. INTERNATIONAL RECORD CARRIERS BE MERGED AND SUBSTITUTED FOR VIABLE COMPETITION. WHAT ROLE SHOULD SATELLITES PLAY IN DOMESTIC COMMUNICATIONS AND WHO SHOULD OWN AND OPERATE THEM. SHOULD COMPANY RESTRICTIONS ON THE USE OF FOREIGN ATTACHMENTS BE RELAXED. IF SO, CAN THE NECESSARY COMPATABILITY BE MAINTAINED BY USING BUFFERS PROVIDED BY THE TELEPHONE COMPANIES. THE AUTHOR STRESSES THE NEED FOR REGULATORY AGENCIES TO VIEW THE NATIONAL NETWORK AS A SINGLE SYSTEM

STRESSES THE NEED FOR REGULATORY AGENCIES TO VIEW THE NATIONAL NETWORK AS A SINGLE SYSTEM

'...WHICH PROVIDES MILLIONS OF CONSUMERS WITH QUALITY, CAPACITY, AND ECONOMY IN COMMUNICATIONS.' HE QUOTES BELL ON THE FACTORS WHICH '...MAKE A DOMESTIC SATELLITE SYSTEM APPEAR SOMEWHAT LESS DESIRABLE THAN HAD PREVIOUSLY BEEN ASSUMED.' INDEED, COAXIAL SYSTEMS ARE IMPROVING APACE. PRIVATE ENTERPRISE AND GOVERNMENT REGULATION HAVE TOGETHER CREATED THE FINEST COMMUNICATION NETWORK IN THE WORLD. 'GOVERNMENT POLICY SHOULD BE CONDUCIVE TO A REGULATORY CLIMATE THAT WILL ENABLE THIS TO CONTINUE TO BE SO.' WH

## VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES

MACHINE DESIGN 42, P43, JAN 22, 1970

// BOEING LOCKHEED VISUAL-AIDS LDX

EXPERTS AT THE BOEING AND LOCKHEED COMPANIES IN SIX WIDESPREAD CITIES HAVE BEEN HOLDING MEETINGS VIA A TELEPHONE NETWORK CALLED TELECONFERENCE. SUCH JOINT MEETINGS HAVE BEEN ESSENTIAL EVER SINCE NASA AWARDED THE TWO COMPANIES A JOINT CONTRACT TO DESIGN THE APOLLO SPACE-SHUTTLE SYSTEM. REAR PROJECTION SCREENS FED BY LONG DISTANCE XERUGRAPHY ARE UTILIZED DURING THE MEETINGS. FK

## PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING

VOLTA REVIEW 72, P438-9, OCT 1970

// AT-T BELL

THE AUTHOR PRESENTS THE PICTUREPHONE DEVELOPED BY BELL TELEPHONE LABS AS A NEW AND UNIQUE WAY OF COMMUNICATING. AS THE TELEGRAPH SPED THE WRITTEN WORD AND THE TELEPHONE BROUGHT TWO-WAY CONVERSATION, THE PICTUREPHONE ALLOWS FACE-TO-FACE COMMUNICATION AT A DISTANCE. THE MORE 'COMPLETE' COMMUNICATION WITH FACIAL EXPRESSIONS, NODS AND OTHER VISUAL CUES MAKES THE PICTUREPHONE MUCH MORE THAN JUST ANOTHER MEANS OF COMMUNICATION. ONCE USERS GET OVER THE INITIAL SELFCONSCIOUSNESS OF USING THE NEW DEVICE, THE ADVANTAGES BECOME QUITE CLEAR. OBJECTS AND WRITTEN MATERIALS MAY BE DISPLAYED. PERSONAL CONTACT CAN BE MADE VIA PICTUREPHONE, THUS ELIMINATING MANY BUSINESS TRIPS AND SOCIAL CALLS. PERHAPS THE NEED FOR DENSELY POPULATED CITIES WILL BE DIMINISHED AND MUCH OF THE DAY-TO-DAY BUSINESS AT HOME AND IN THE OFFICE CAN BE CONDUCTED BY PICTUREPHONE. ACCORDING TO THE AUTHOR, THE PICTUREPHONE IS 'THE NEXT BEST THING TO BEING THERE.' CM

## REC'D INDEX

4686C

\*\*\* KRUCK, DONALD \* TVERSKY, ARNOLD D.

CLASSROOM COMMUNICATION, TELELECTURE

AUDIOVISUAL INSTRUCTION 16,2, P21-2, FEB 1971

// DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED  
HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST

SINCE 1969, THE DOVER (NEW JERSEY) PUBLIC SCHOOLS HAVE USED TELELECTURES TO BRING RESOURCE PEOPLE INTO THE CLASSROOM. FOLLOWING A SUCCESSFUL DEMONSTRATION, TELELECTURES HAVE ALLOWED HIGH SCHOOL STUDENTS TO DISCUSS VARIOUS TOPICS WITH FAMOUS PERSONALITIES, PROMINENT NATIONAL FIGURES, AND LOCAL AUTHORITIES VIA A SINGLE, AMPLIFIED TELEPHONE CALL. TO ASSURE THE SMOOTH OPERATION OF DOVER'S TELELECTURE PROGRAM, MANY STEPS HAVE BEEN TAKEN, INCLUDING THE DEVELOPMENT OF A RESOURCE FILE AND NUMEROUS STANDARDIZED PROCEDURES. STUDENT INTEREST HAS BEEN STRONG AND STUDENT PARTICIPATION IN PLANNING EFFORTS HAS BEEN ENCOURAGED. IN PARTICULAR, STUDENT REACTION HAS BEEN USED AS AN EVALUATIVE TOOL. TELELECTURE COSTS INCLUDE A 35 DOLLAR PER UNIT INSTALLATION CHARGE AND A 25 DOLLAR SERVICE CHARGE PER UNIT PER MONTH, PLUS THE LONG DISTANCE TELEPHONE CHARGES. THE AUTHORS PREDICT THAT TELELECTURES WILL PLAY A VITAL ROLE IN DOVER'S CURRICULUM DURING THE 1970'S. FK

4686C

4692C

\*\*\* MCKAY, GERALD R.

TELETEACHING, THE PARTY-LINE REVIVED

AUDIOVISUAL INSTRUCTION 16,5, P85-6, MAY 1971

// MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST

THE AUTHOR DESCRIBES AND MAKES CONCLUSIONS REGARDING A SERIES OF 75 TELEPHONE MEETINGS SPONSORED BY THE UNIVERSITY OF MINNESOTA EXTENSION DURING THE WINTER AND SPRING OF 1970-71. ACCORDING TO THE AUTHOR, THE SERIES BOTH PROVIDED INSIGHT INTO HOW TO UTILIZE TELETEACHING EFFECTIVELY AND PROVED TELETEACHING TO BE A 'USEFUL' ALTERNATIVE WHEN REGULAR TEACHING SITUATIONS ARE IMPOSSIBLE. COSTS OF THE CONFERENCE CALLS INCLUDE A 25 DOLLAR PER MONTH INSTALLATION FEE, A 35 DOLLAR PER MONTH RENTAL CHARGE AND A LINE CHARGE OF APPROXIMATELY 15 DOLLARS PER HOUR AND 45 MINUTE MEETING. IF PROGRAMMING WERE SCHEDULED FOR A MAJORITY OF THE 24 HOUR DAY, A LEASED LINE COULD LOWER THE COST PER PROGRAM. THE AUTHOR DESCRIBES BOTH THE ORIGINATING STUDIO AND THE RECEIVING STATIONS, AND ALSO OFFERS SUGGESTIONS FOR FUTURE MEETINGS CONCERNING 1) THE IMPORTANCE OF ADOPTING A PRESENTATION TO A SPECIFIC AUDIENCE 2) THE LENGTH OF PRESENTATIONS 3) VISUAL AIDS AND 4) TRAINING THE PERSON IN CHARGE OF EACH RECEIVING GROUP. AN EVALUATIVE SURVEY WAS CONDUCTED FOLLOWING THE SERIES IN ORDER TO DETERMINE RECIPIENT REACTION. FK

4692C

UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS

EDUCATIONAL BROADCASTING REVIEW 3, P44-52, FEB 1970

// STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER

// STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER

SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC

\*THIS ARTICLE IS BASED ON AN INTRODUCTORY PAPER FOR A SERIES OF OTHER PAPERS ON 'UNIVERSITY INSTRUCTIONAL TV NETWORKS, WHAT THEY MEAN TO INDUSTRY' PRESENTED AT THE 1969 WESTERN ELECTRONIC SHOW AND CONVENTION. IT IS AN OVERVIEW OF ADVANCES OVER THE PAST DECADE IN LINKING UNIVERSITIES WITH EACH OTHER AND INDUSTRY BY RADIO WAVES AND HARD WIRE LINES AND PROJECTS WHAT IS LIKELY TO OCCUR DURING THE 70'S.' THE AUTHOR FEELS THAT THERE IS A GREAT NEED FOR IN-SERVICE EDUCATIONAL PROGRAMS DESIGNED FOR THE UPDATING AND UPGRADING OF ENGINEERS IN INDUSTRY. TELCONFERENCING PROVIDES A MEANS OF IMPLEMENTING THESE IN-SERVICE PROGRAMS. THE AUTHOR FEELS THAT '...IN ESSENTIALLY EVERY CASE, FOR A WELL CONCEIVED AND WELL THOUGHT OUT PLAN, INDUSTRY NOT ONLY SHOULD BUT WILL PAY THE FULL CAPITAL AND OPERATING COSTS OF THE SYSTEM.' LC

\*\*\* VICTOR COMPTOMETER CORPORATION. BUSINESS MACHINES GROUP

VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB

CHICAGO, VICTOR COMPTOMETER CORPORATION, NO DATE

// CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT

THIS BROCHURE, PREPARED BY THE VICTOR COMPTOMETER CORPORATION, DESCRIBES AND LISTS THE ADVANTAGES OF THE VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB). ACCORDING TO VICTOR, VERB '...IS AN EFFECTIVE, ECONOMICAL REMOTE TEACHING AND TRAINING SYSTEM, WHICH USES AN ORDINARY PROJECTION SCREEN FOR A 'BLACKBOARD' AND THE TELEPHONE FOR VOICE TRANSMISSION.' AMONG THE ADVANTAGES OF THE SYSTEM IS TWO-WAY COMMUNICATION. IN CONJUNCTION WITH A TELEPHONE TELELECTURE HOOKUP, BOTH STUDENT AND TEACHER, THOUGH GEOGRAPHICALLY DISTANT, CAN CONVERSE. THE SYSTEMS ARE FLEXIBLE - WHEREVER THERE ARE TELEPHONE LINES, THE VERB EQUIPMENT CAN BE USED. VERB IS ALSO ECONOMICAL BECAUSE IT ELIMINATES THE NEED FOR COSTLY TRAVEL AND EXPENSE. FINALLY, THE MESSAGE IS RECEIVED ON A CONTINUOUS ROLL OF PAPER OR ACETATE FILM, AND EITHER FORM OF HARD COPY MAY BE EASILY STORED OR REPRODUCED. SOME OF THE CURRENT USES OF THE VERB SYSTEMS WHICH ARE PARTICULARLY USEFUL AND ECONOMICAL ARE COURSE ENRICHMENT, SPECIALIZED TEACHING, INSERVICE TRAINING AND CONTINUING EDUCATION. THE BROCHURE ALSO INCLUDES PICTURES AND DRAWINGS OF THE UNITS AS WELL AS ITEMS 4695-4700 WHICH ARE LISTED SEPARATELY. CM

## REC'D INDEX

4695C

\*\*\*

NEW A-V TOOL

REPRINTED FROM SALES MANAGEMENT, PART 2, MAY 21, 1965

// CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST  
BELL-LABS

THE VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB) IS A NEW TOOL FOR THOSE WHO PLAN MEETINGS. 'VERB' IS AN OVERHEAD PROJECTOR (DEVELOPED BY BELL TELEPHONE LABS) THAT PUTS AN IMAGE ON THE SCREEN THAT IS TRANSMITTED OVER TELEPHONE LINES FROM ANYWHERE. THE IMAGE HAS TO BE SOMETHING THAT IS WRITTEN OR DRAWN ON AN 'ELECTROWRITER'. HERE, THE AUTHOR DESCRIBES HOW THE VERB SYSTEM OPERATES AND SOME POSSIBLE BUSINESS APPLICATIONS OF THE SYSTEM WHEN USED IN CONJUNCTION WITH AN AMPLIFIED TELEPHONE TELELECTURE SERVICE DEVELOPED BY THE BELL SYSTEM. THE ELECTROWRITER CAN BE USED TO SUPPLEMENT A LECTURE GRAPHICALLY AND IT CAN TRANSMIT ANYTHING THE USER CAN DRAW OR WRITE. THE SYSTEM DOES NOT TRANSMIT PHOTOGRAPHS OR PRINTED COPY. AN EXPERIMENT LINKING SEVEN CITIES IN IOWA WAS CONDUCTED IN WHICH 500 SCHOOL TEACHERS WERE INSTRUCTED IN HOW TO TEACH NEW MATH. DURING THE SAME EVENING ANOTHER PRESENTATION WAS MADE TO 1800 PEOPLE FROM CEDAR FALLS, IOWA USING THE SAME HOOKUP. THE SYSTEM CAN BE USED ON REGULAR TELEPHONE LINES TO REACH WIDELY SCATTERED REMOTE AUDIENCES. COST IS CONSIDERABLY LESS THAN TRAVEL TIME AND EXPENSE NECESSARY TO BRING THE LECTURER TO THE SCHOOL. CM

4695C

4696C

\*\*\*

FRENCH IS TAUGHT OVER VERB

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P1, JAN 31, 1968

// SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT  
ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER

\*THE CARBON COUNTY COORDINATED INSTRUCTIONAL CENTER (SINCLAIR, WYOMING) IS OPERATED UNDER A TITLE III GRANT, ESEA, AND IS IN ITS SECOND YEAR OF OPERATION. ACTIVITIES OF THE PROJECT INCLUDE THE INSTRUCTIONAL MATERIALS CENTER AND CURRICULUM IMPROVEMENT THROUGH THE USE OF THE VICTOR ELECTRO-WRITER REMOTE BLACKBOARD, (VERB). ONE OF THE CLASSES BEING TAUGHT UTILIZING VERB IS FRENCH I. IT IS BEING TRANSMITTED FROM SARATOGA TO ENCAMPMENT AND HANNA, WYOMING. THE TEACHER OF THIS COURSE FEELS THAT HER STUDENTS HAVE MAINTAINED THEIR INITIAL ENTHUSIASM FOR THE VERB COURSE AND ARE ACHIEVING ON AN EQUAL LEVEL WITH THE REGULAR CLASSROOM FRENCH STUDENTS. SHE BELIEVES THAT BECAUSE OF THE EXTRA CLARITY REQUIRED OF HER BY THE SYSTEM, THAT HER VERB STUDENTS UNDERSTAND HER BETTER THAN HER CLASSROOM STUDENTS. STUDENTS VALUE THE CONTACT WITH OTHERS FROM DIFFERENT SCHOOLS AND WERE GLAD TO HAVE A COURSE WHICH WOULD NOT BE AVAILABLE TO THEM WITHOUT VERB. CM

4696C

4697C

\*\*\* JOHNSON, LEONARD

4697C

CHEMISTRY COURSE

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

// SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV  
CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER

AN INSERVICE COURSE ON CHEMISTRY WAS PRESENTED TO CARBON COUNTY TEACHERS UNDER THE SPONSORSHIP OF THE NATIONAL SCIENCE FOUNDATION WITH COOPERATION FROM THE UNIVERSITY OF WYOMING. VERB IS BEING UTILIZED BY DR. JOHN MAUSER OF THE CHEMISTRY DEPARTMENT OF THE UNIVERSITY OF WYOMING TO OFFER A SIX CREDIT GRADUATE COURSE. SIX SCHOOLS, SARATOGA, ENCAMPMENT, BAGGS, RAWLINS, HANNA, AND MEDICINE BOW, ARE PARTICIPATING IN THE SUCCESSFUL PROGRAM. MINOR TECHNICAL DIFFICULTIES WERE FAR OUTWEIGHED BY THE EXCELLENT COURSE AND INSTRUCTOR. CM

4698C

\*\*\* WILLIAMS, BILL

4698C

ART-HISTORY MAKES HISTORY

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

// WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER

JAMES BOYLE, HEAD OF THE UNIVERSITY OF WYOMING ART DEPARTMENT, TAUGHT ART HISTORY TO ALL CARBON COUNTY SCHOOLS USING THE VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB). THE...COURSE HAS SERVED AS AN ENRICHING EXPERIENCE FOR HIGH SCHOOL STUDENTS AND ADULTS IN A CULTURALLY DEPRIVED AREA OF WYOMING.' CM

4699C

\*\*\* WIEGAND, CATHERINE

4699C

PILOT STUDY

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

// WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER

\*THE CONSERVATION EDUCATION IMPROVEMENT PROJECT IS A PILOT STUDY TO IMPROVE THE PRESENTATION OF CONSERVATION INSTRUCTION IN THE ELEMENTARY AND JUNIOR HIGH SCHOOL CURRICULUM. THE PROJECT IS CURRENTLY BEING DEVELOPED UNDER THE DIRECTION OF DR. KENNETH DIEM AND HOWARD HENNEBRY OF THE UNIVERSITY OF WYOMING.' COURSE UNITS WERE TRANSMITTED FROM THE UNIVERSITY OF WYOMING VIA THE VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB) AND OBSERVED CAREFULLY FOR TECHNICAL AND CONTENT QUALITY. CM



TEACHERS EARN GRADUATE CREDIT VIA VERB

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

// WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER

THIS APPLICATION OF THE VICTOR ELECTROWRITER REMOTE BLACKBOARD (VERB) PROVIDED 23 CARBON COUNTY, WYOMING TEACHERS WITH TWO SEMESTER HOURS OF GRADUATE CREDIT IN IMPROVEMENT OF INSTRUCTION IN ELEMENTARY SCIENCE. THE COURSE WAS TRANSMITTED TO THE TEACHERS' RESPECTIVE SCHOOLS FROM WYOMING UNIVERSITY. THE COURSE WAS TAUGHT BY THE PROBLEM-SOLVING APPROACH. IN ADDITION TO 11 TELECONFERENCES, FIVE FACE-TO-FACE MEETINGS WERE HELD TO GAIN PERSONAL CONTACT, TO EXCHANGE VISUAL AIDS AND TO EXPERIMENT WITH THE EQUIPMENT. CM

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 33

REC'D INDEX

4701C

\*\*\* AHMAD, BASHIR

4701C

PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING

MIMEO. 14P. RECEIVED FROM DR. JOHN KLUS, UNIVERSITY EXTENSION, UNIVERSITY OF WISCONSIN

// WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER

MR. AHMAD REPORTS EARLY ATTEMPTS TO EVALUATE THE FIRST (1969) ELECTROWRITER COURSE IN ELECTRICAL ENGINEERING OFFERED THROUGH THE ETN/SCA NETWORK BY UNIVERSITY EXTENSION OF THE UNIVERSITY OF WISCONSIN-MADISON. THIS COURSE WAS AN EXPERIMENT IN PROVIDING INSTRUCTION IN THE FIELD'S LATEST DEVELOPMENTS TO ENGINEERS IN INDUSTRY AND INSTITUTIONS DISTANT FROM MADISON. EVALUATION WAS MADE ON THE BASIS OF RESPONSES TO A QUESTIONNAIRE SENT TO THE 20 COURSE PARTICIPANTS. ELEVEN STUDENTS REPLIED. THE QUESTIONNAIRE IS INCLUDED AND THE COMPOSITE RESPONSE TO EACH QUESTION IS DESCRIBED IN A PARAGRAPH OR TWO EACH. A LIST OF PARTICIPANTS IS INCLUDED. CM

4707C

\*\*\* UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. HEALTH SCIENCES UNIT \* UNIVERSITY OF WISCONSIN. MEDICAL SCHOOL

4707C

THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL

MADISON, 1971. 10P

// WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST

THIS BROCHURE IS DESIGNED TO INFORM HOSPITALS OF PROGRAMS IN CONTINUING MEDICAL EDUCATION PRESENTED OVER THE EDUCATIONAL TELEPHONE NETWORK (ETN) AND THE PIGGY-BACK FM RADIO CHANNEL (SCA) OF THE UNIVERSITY OF WISCONSIN. A DETAILED ANALYSIS OF COSTS TO PARTICIPATING HOSPITALS AND INDIVIDUALS IS INCLUDED, AS IS A LIST OF THOSE PROGRAMS AVAILABLE TO INTERESTED MEDICAL AND PARAMEDICAL PERSONNEL. FK

4708C

\*\*\* PARKER, LORNE A.

4708C

THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION

EDUCATIONAL BROADCASTING REVIEW 3,6, P34-43, DEC 1969

// WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING  
MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY

THE AUTHOR PRESENTS AN EXPLANATION OF HOW FM MULTIPLEXING IS ACCOMPLISHED AND A HISTORY OF ITS DEVELOPMENT SINCE 1955 WHEN THE FCC AUTHORIZED ITS COMMERCIAL USE, AND SINCE 1961 WHEN THE FCC AUTHORIZED ITS USE BY EDUCATIONAL FM STATIONS. ENTITLED SUBSIDIARY COMMUNICATIONS AUTHORIZATION, THIS AUTHORIZATION '...PERMITTED COMMERCIAL FM STATIONS TO USE FM MULTIPLEXING TECHNIQUES FOR THE TRANSMISSION OF ADDITIONAL AUDIO PROGRAM MATERIAL WHICH COULD BE RECEIVED ONLY BY INDIVIDUALS AND ORGANIZATIONS HAVING MULTIPLEXING RECEIVERS.' THE AUTHOR THEN OUTLINES SOME OF THE CURRENT AND PROPOSED USES OF MULTIPLEXING BY COMMERCIAL AND EDUCATIONAL FM

SOME OF THE CURRENT AND PROPOSED USES OF MULTIPLEXING BY COMMERCIAL AND EDUCATIONAL FM

STATIONS, WHICH INCLUDE MUSICASTING, THE TRANSMISSION OF MEDICAL INFORMATION, AIRCRAFT NEWSCASTING, WEATHER WARNINGS, SIGHT RADIO, SUBSCRIPTION SERVICES PROVIDING HOME STUDY INSTRUCTION, CREDIT COURSES, WORKSHOPS AND INSERVICE TRAINING. THE AUTHOR CONCLUDES, 'THE COMMERCIAL FM STATIONS SHOULD BE WILLING TO EXPLORE NEW UTILIZATIONS FOR THEIR SCA CHANNEL, SUCH AS REGIONAL WEATHER FOR MOTORISTS, AIRLINE NEWS AND LOCAL NEWS SERVICES. ENTERPRIZING COMMERCIAL FM STATION OWNERS MIGHT INCREASE THEIR COOPERATION WITH EDUCATIONAL FM STATIONS. THESE VENTURES WOULD ALLOW THE EDUCATIONAL INSTITUTIONS TO PROVIDE THE CONTENT OF SOFTWARE, AND COMMERCIAL STATIONS TO PROVIDE THE VEHICLE OR HARDWARE.' 'THE FREQUENCY SPECTRUM ALLOCATED AND RESERVED FOR SCA IS AN IMPORTANT NATURAL RESOURCE. IT SHOULD BE USED WITH CREATIVITY AND IMAGINATION TO DEVELOP AND EXPLOIT THE TREMENDOUS EDUCATIONAL POTENTIAL OF THE MEDIUM.' LC

## ETN-SCA PROGRAM HANDBOOK

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. 38P

// WISCONSIN-UNIV EXTENSION-UNW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR  
EVALUATION-CHECKLIST

THE AUTHOR OFFERS A BRIEF DESCRIPTION OF ETN-SCA, THE EDUCATIONAL COMMUNICATIONS NETWORK AT THE UNIVERSITY OF WISCONSIN, AND HOW IT WORKS. HE THEN PRESENTS GUIDELINES FOR USING THE SYSTEM AND SUGGESTED PROCEDURES FOR PLANNING PROGRAMS TO BE PRESENTED OVER THE SYSTEM. AREAS COVERED ARE REGISTRATION PROCEDURES, PROGRAM PRESENTATION, PREPARATION OF CONTENT, THE STUDIO MODERATOR, THE LOCAL PROGRAM CONVENER, PUBLICITY AND EVALUATION. APPENDICES INCLUDE A SAMPLE APPLICATION BLANK, A SAMPLE NEWS RELEASE, A LIST OF ETN-SCA LOCATIONS AND AN ILLUSTRATION OF STUDIO HAND SIGNALS. SEE 4710 FOR DISCUSSION OF EVALUATION TECHNIQUE. LC

## ETN-SCA EVALUATION

PAGES 24-6 IN PARKER, LORNE A. ETN-SCA PROGRAM HANDBOOK. MADISON, UNIVERSITY OF WISCONSIN.  
UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. SEE 4709

// WISCONSIN-UNIV EXTENSION-UNW EVALUATION-CHECKLIST PEC

A PROGRAM EVALUATION CHECKLIST (PEC) HAS BEEN DEVELOPED IN CONJUNCTION WITH THE UNIVERSITY OF WISCONSIN'S EXTENSION ETN-SCA NETWORK '...TO STUDY THE RELATIONSHIP BETWEEN THE EDUCATIONAL TELEPHONE SYSTEM OF COMMUNICATION AND THE EDUCATIONAL OBJECTIVES OF A PROGRAM. SPECIFICALLY, THE PEC IS CONCERNED WITH THE TAILORING OF EDUCATIONAL MATERIALS FOR TRANSMISSION THROUGH A PRIVATE OR CLOSED-CIRCUIT TELEPHONE NETWORK CHARACTERIZED BY MULTIPLE LISTENING STATIONS AND MANIPULATION OF TECHNICAL EQUIPMENT.' THE AUTHORS EXPLAIN HOW THE PEC WAS DEVELOPED AND THE PROCEDURES USED WHEN EVALUATING THE INFORMATION GATHERED FROM THE PEC. 'THE PEC CONSISTS OF A LIST OF STATEMENTS (ITEMS) WHICH DEFINE SPECIFIC ASPECTS OF A PROGRAM (CONTENT, METHOD OF PRESENTATION, ETC.). THE PARTICIPANTS ARE ASKED TO EVALUATE EACH STATEMENT AND DETERMINE HOW WELL IT FITS THE DESCRIPTION OF THIS PROGRAM.' 'THE DEVELOPMENT OF THE PEC REPRESENTS A PART OF THE TOTAL RESEARCH, WHICH IS DESIGNED TO USE THE CHECKLIST TO EVALUATE AN EFFECTIVE EDUCATIONAL TELEPHONE PROGRAM.' SEE 4709 AND 4711-12. LC

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 34

REC'D INDEX

4711C \*\*\* PARKER, LORNE A. \* MCCUBBIN, HAMILTON \* ZIMMERMAN, HARRY 4711C

PROGRAM EVALUATION CHECKLIST (PEC)

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1970. 4P

// WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA

THE 1970 PROGRAM EVALUATION CHECKLIST IS AN EVALUATIVE INSTRUMENT DESIGNED FOR STUDYING THE RELATIONSHIP BETWEEN THE EDUCATIONAL OBJECTIVES OF PROGRAMS PRESENTED OVER THE UNIVERSITY OF WISCONSIN'S ETN-SCA SYSTEM AND THE SYSTEM OF COMMUNICATION ITSELF. 'THE PEC CONSISTS OF A LIST OF STATEMENTS (ITEMS) WHICH DEFINE SPECIFIC ASPECTS OF A PROGRAM (CONTENT, METHOD OF PRESENTATION, ETC.). THE PARTICIPANTS ARE ASKED TO EVALUATE EACH STATEMENT AND DETERMINE HOW WELL IT FITS THE DESCRIPTION OF THIS PROGRAM.' (QUOTE FROM HANDBOOK CITED AT 4709.) FOR EXAMPLE, IN EVALUATING THE ROLE OF THE MODERATOR, PARTICIPANTS ARE ASKED TO EVALUATE THE STATEMENT. 'THE MODERATOR PRESENT WITH THE GROUP ASSISTED DURING THE QUESTION AND ANSWER PERIOD.' PARTICIPANTS RECORD THEIR EVALUATION BY SELECTING ONE OF FOUR CATEGORIES - NOT DESCRIPTIVE, MINIMALLY DESCRIPTIVE, SOMEWHAT DESCRIPTIVE AND MOST DESCRIPTIVE. SEE 4710 AND 4712. LC

4712C \*\*\* PARKER, LORNE A. \* MCCUBBIN, HAMILTON 4712C

PROGRAM EVALUATION CHECKLIST (PEC)

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1968. 10P

// WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA

THE 1968 PROGRAM EVALUATION CHECKLIST IS USED BY THE ETN-SCA SYSTEM AT THE UNIVERSITY OF WISCONSIN. (SEE 4711). THIS YEAR'S CHECKLIST CONTAINS 76 STATEMENTS TO WHICH PARTICIPANTS ARE ASKED TO RESPOND BY INDICATING THE DEGREE (OUT OF 4 CHOICES) TO WHICH EACH STATEMENT PERTAINS TO THE PROGRAM BEING EVALUATED. SOME GENERAL INFORMATION ABOUT THE PROGRAM PARTICIPANT WHO IS EVALUATING THE COURSE IS ALSO REQUESTED, AS IS A FINAL OVERALL PROGRAM RATING. FK

ART BY TELEPHONE

PACEMAKER 1,1, P2-3, JAN 1968

// WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED  
CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE  
TITLE-III

THROUGH A TITLE-III GRANT, ELEVEN HIGH SCHOOLS IN IDAHO, NEVADA, UTAH AND OREGON HAVE JOINTLY  
SPONSORED AN 'ART-BY-TELEPHONE' COURSE. PREVIOUSLY, NINE OF THE ELEVEN SCHOOLS HAVE BEEN  
UNABLE TO PROVIDE ART COURSES. EACH SCHOOL IS LINKED TO EVERY OTHER SCHOOL BY A CONFERENCE  
CALL PLACED THROUGH THE TELEPHONE COMPANY. THE VOICES OF THE LECTURER AND OF THE STUDENTS ARE  
AMPLIFIED, MAKING QUESTION AND ANSWER EXCHANGES POSSIBLE. THE AUDIO LINK IS AUGMENTED BY

AMPLIFIED, MAKING QUESTION AND ANSWER EXCHANGES POSSIBLE. THE AUDIO LINK IS AUGMENTED BY

TRANSPARENCIES MAILED IN ADVANCE WHICH ARE SHOWN ON EITHER OVERHEAD OR 35MM PROJECTORS. ALL  
THE PARTICIPATING SCHOOLS RECORD EACH LECTURE FOR FUTURE USE. THE 'ART-BY-TELEPHONE' IDEA  
ORIGINATED FROM EXPERIMENTS WITH SLOW SCAN TV AND OTHER MEDIA USED IN EDUCATION. IT SEEMED  
APPARENT THAT WITH THE PROPER USE OF THE TELEPHONE AND VISUAL AIDS, LARGE AND REMOTE AUDIENCES  
COULD BE REACHED WITH A HIGH DEGREE OF TEACHER-PUPIL INTERACTION. IT IS FELT THAT ALMOST ANY  
SUBJECT CAN BE TAUGHT BY VISUALLY AUGMENTED TELECONFERENCING, BUT THAT SUCCESS IN ART  
INSTRUCTION, A SENSITIVE CURRICULUM, WOULD PROVE THE SUCCESS OF THE TECHNIQUE. THE PROGRAM IS  
CONSIDERED VERY SUCCESSFUL. SEE 4022-3 AND 4519. CM

\*\*\* PUZZUOLI, DAVID A.

A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE

MORGANTOWN, WEST VIRGINIA UNIVERSITY, 1970. 73P. ERIC ED 042 961

// WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER  
VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST  
EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP

AFTER AN OVERVIEW OF LITERATURE ON TELE-LECTURE MODELS, A STUDY WAS MADE OF THE APPLICABILITY OF  
TEACHING UNIVERSITY EXTENSION COURSES BY TELE-LECTURE AND ELECTROWRITER. AT WEST VIRGINIA  
UNIVERSITY, COURSES IN MINING ENGINEERING AND IN MODERN MATHEMATICS WERE GIVEN TO COLLEGE  
CLASSES (CONTROL GROUP) AND ALSO, USING TELE-LECTURE AND ELECTROWRITER, TO EXTENSION CLASSES IN  
BECKLEY, 265 MILES DISTANT (EXPERIMENTAL GROUP). COMPARATIVE ANALYSIS OF THE ACHIEVEMENT OF  
THE TWO GROUPS, USING THE T-TEST AND F RATIO, SHOWED THAT ACHIEVEMENT BY THE EXTENSION CLASSES  
WAS EQUAL TO, OR SIGNIFICANTLY GREATER THAN THAT OF STUDENTS IN THE ON-CAMPUS CLASSES.  
ANALYSIS OF EXTENSION STUDENT QUESTIONNAIRE RESPONSES USING THE MANN-WHITNEY U TEST, SUPPORTED  
THE THESIS THAT SUCCESS IN TELE-LECTURE TEACHING IS GREATER WHEN THE PROFESSOR LIMITS  
CONTINUOUS LECTURING TO 20-25 MINUTES, PROVIDES PRINTED MATERIAL, USES AUDIOVISUAL TECHNIQUES  
AS A SUPPLEMENT, MAKES A NUMBER OF PERSONAL VISITS (TWO OR THREE) TO THE CLASS, AND BASES THE  
CLASS ON PROBLEM SOLVING TECHNIQUES. (THE QUESTIONNAIRE IS INCLUDED.) (DM). ERIC

PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS

RESIDENT AND STAFF PHYSICIAN 16,8 P52-8+, AUGUST 1970

// REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK  
ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS  
MAILED-MATERIALS COST LEASED-LINES

\*THE REGIONAL MEDICAL PROGRAM FOR WESTERN NEW YORK IS OPERATING A SUCCESSFUL TWO-WAY TELEPHONE LECTURE NETWORK THAT LINKS 51 SMALL COMMUNITY HOSPITALS WITH THE HEALTH SCIENCE SCHOOLS OF THE STATE UNIVERSITY OF NEW YORK AT BUFFALO, ROSWELL PARK MEMORIAL INSTITUTE...AND OTHER MEDICAL CENTERS.\* EACH HOSPITAL HAS SET ASIDE A SPECIAL CONFERENCE ROOM WHEREIN THE TELEPHONE AND SPEAKER EQUIPMENT ARE LODGED. EACH LISTENING GROUP HAS A MODERATOR. VISUAL AIDS ARE MAILED PRIOR TO EACH TELECONFERENCE AND ARE STORED AFTER THE LECTURE IN THE HOSPITAL LIBRARY FOR FUTURE USE. THE COST OF THE NETWORK, COMPARED WITH A SIMILAR PROGRAM OF EXTENDING LECTURES AIMED AT HELPING HEALTH PERSONNEL UPDATE THEIR MEDICAL KNOWLEDGE, IS LOW. SINCE THE NETWORK RELIES ON LEASED TELEPHONE LINES, PROGRAMS MAY BE SCHEDULED AT ANY TIME AND ARE USUALLY LEFT OPEN ENDED TO PERMIT FREER CONVERSATION. PROGRAMS VARY FROM LECTURES ON SNAKE BITE TREATMENT TO ENGLISH LANGUAGE INSTRUCTION FOR FOREIGN DOCTORS. JL

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 35

REC'D INDEX

4721C

\*\*\*

4721C

HEARTLINE LINKS THE GP TO SPECIALIST

MEDICAL WORLD NEWS 8,15, P105, APRIL 14, 1967

// OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA  
DATAPHONE

THIS NEWS ITEM DESCRIBES THE USE OF A DATAPHONE SYSTEM FOR THE TRANSMISSION OF EKG'S FROM RURAL HOSPITALS TO THE CARDIAC LABORATORY OF THE CREIGHTON UNIVERSITY SCHOOL OF MEDICINE FOR REMOTE DIAGNOSIS. CARDIAC SPECIALISTS ATTEND THE RECEIVING CENTER 24 HOURS PER DAY AND OFFER EMERGENCY DIAGNOSIS VIA TELEPHONE TO THE HOSPITALS IN A FIVE STATE NETWORK. THE NETWORK INCLUDES NEBRASKA, MISSOURI, IOWA, WYOMING, AND SOUTH DAKOTA. 'ALTOGETHER, 29 INSTITUTIONS OR 'STATIONS' AND TWO PRIVATE PHYSICIANS SEND IN AN AVERAGE OF 850 EKG'S A MONTH.' PORTABLE UNITS ARE AVAILABLE AND MAY BE USED TO TAKE EKG'S AT THE PATIENT'S HOME. JL

THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM

RESTON, VIRGINIA, MITRE CORPORATION, MAY 1971. 18P. MITRE REPORT MTP-352

// CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS  
CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO

\*THIS REPORT DESCRIBES HOW THE MITRE CORPORATION WILL COMBINE ITS TICCIT (TIME-SHARED, INTERACTIVE, COMPUTER-CONTROLLED, INFORMATION TELEVISION) SYSTEM WITH A LOW-COST HOME TERMINAL SYSTEM OF ITS OWN INVENTION TO DEMONSTRATE THE FEASIBILITY OF USING STANDARD TELEVISION RECEIVERS AS REMOTE (HOME) COMPUTER-DRIVEN DISPLAYS. THE COMPUTER IS LOCATED AT MITRE'S FACILITY IN MCLEAN, VIRGINIA. THE HOME TERMINALS ARE IN RESTON, VIRGINIA. THE SIGNALS WILL BE TRANSMITTED FROM MITRE TO RESTON BY MICROWAVE LINK AND THENCE BY CABLE TV INTO THE VARIOUS RESTON HOMES. HOME TERMINAL USERS WILL COMMUNICATE WITH THE MITRE COMPUTER THROUGH THEIR 12-BUTTON PUSH-BUTTON PHONES.\* THE GOALS OF THE RESTON TEST ARE "...1) TO DEMONSTRATE A WORKING ENGINEERING MODEL OF MITRE'S LOW-COST COMPUTER-DRIVEN DISPLAY IN THE HOME 2) TO DEMONSTRATE THE FEASIBILITY OF THE HARDWARE APPROACH TO OPERATORS OF CABLE TV SYSTEMS AND MANUFACTURERS OF VIDEO TAPE RECORDERS 3) TO INTEREST THE SOCIAL-SCIENCE COMMUNITY IN THE TREMENDOUS NEAR-TERM IMPACT THIS TYPE OF HARDWARE, COUPLED WITH STRONG SUPPORTING SOFTWARE, WILL HAVE ON THE LIVES OF PEOPLE.\* THE TABLE OF CONTENTS INCLUDES I) INTRODUCTION. II) DEMONSTRATION SYSTEM A) INTERACTIVE TELEVISION B) COMPUTER FACILITY C) COMMUNICATION LINK D) RESTON CABLE SYSTEM E) HOME TERMINAL F) COUPLER/DECODER. III) DEMONSTRATION SOFTWARE A) INTENT B) CONTENT 1) EDUCATIONAL MATERIAL 2) COMMUNITY SERVICE MATERIAL. THE SOFTWARE CONTENT WILL BE COMPOSED OF INTERACTIVE EDUCATIONAL AND COMMUNITY SERVICE MATERIAL. THE EDUCATIONAL MATERIAL WILL OFFER TWO VARIETIES OF COMPUTER AIDED INSTRUCTION IN MATHEMATICS TO ELEMENTARY SCHOOL CHILDREN. THE COMMUNITY SERVICE MATERIAL IS ORIENTED TOWARDS THE INFORMATION NEEDS OF RESTON CITIZENS. INCLUDES PICTURES, ILLUSTRATIONS AND FLOW DIAGRAMS. LC

\*\*\* INTERMOUNTAIN REGIONAL MEDICAL PROGRAM

INTERMOUNTAIN REGIONAL MEDICAL PROGRAM

INTERMOUNTAIN REGIONAL MEDICAL PROGRAM. BROCHURE.. RECEIVED FEB 1970

// IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED  
LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING

THE BROCHURE DESCRIBES THE INTERMOUNTAIN REGIONAL MEDICAL PROGRAM (IRMP) WHICH WAS ORGANIZED IN RESPONSE TO HEALTH CARE NEEDS IN A SPARSELY POPULATED MOUNTAINOUS AREA (UTAH, PORTIONS OF IDAHO, WYOMING, NEVADA, COLORADO AND MONTANA). FIFTEEN PILOT PROJECTS WERE INITIATED TO EXTEND AND IMPROVE INADEQUATE HEALTH CARE RESOURCES THROUGH THE DEVELOPMENT OF A REGIONAL MEDICAL NETWORK. THE PILOT PROJECTS INCLUDE PROGRAMS TO TEST AND DEVELOP A LEARNING CENTER FOR CONTINUING EDUCATION, PATIENT CARE AND REMOTE SUPERVISION, AND FEEDBACK AND INFORMATION EXCHANGE FROM HEALTH PROFESSIONALS AND THEIR PATIENTS. THIS COMMUNICATION NETWORK DEPENDS UPON TWO-WAY RADIO, OPEN AND CLOSED CIRCUIT TELEVISION, ACCESS TO VIDEO AND AUDIO TAPE LIBRARIES, A MONTHLY NEWSLETTER, VISITING CONSULTANTS, TRAINING COURSES, AUTOMATED DATA COLLECTION, CONTINUOUSLY AVAILABLE LIBRARY AND TELEPHONE CONSULTATION AND INFORMATION SERVICE FOR CERTAIN DISEASES, ON-LINE COMPUTER MONITORING OF PHYSIOLOGICAL DATA AND OTHER MORE CONVENTIONAL MEANS OF INFORMATION EXCHANGE. INCLUDES CHARTS AND MAPS. CM

## TELELECTURES

SOUTHERN EDUCATION REPORT 2.4, NOV 1966

## TELELECTURES BRING NOTABLES INTO CLASSROOMS

SOUTHERN EDUCATION REPORT 2.4, P14-7, NOV 1966

// MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT  
ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP  
FORD-FOUNDATION HISTORY-TELECONF

FORD FOUNDATION FUNDS HAVE MADE IT POSSIBLE FOR STEVENS COLLEGE (MISSOURI) TO BE AN INNOVATOR AND LEADER IN THE TELEPHONE TELELECTURE TECHNIQUE. THE TELELECTURE SYSTEM WAS INSTITUTED BY JAMES A. BURKHART IN 1957 TO INCREASE THE EFFECTIVENESS OF HIS SOCIAL STUDIES INSTRUCTION AT STEVENS COLLEGE. THIS TECHNIQUE CAUGHT ON, AND THE COLLEGE NOW USES THE SYSTEM TO ENGAGE SCIENTISTS, GOVERNMENT OFFICIALS, AUTHORS, AND OTHER SPECIALISTS SO THAT STUDENTS ARE ABLE TO '...UNDERSTAND HOW THE FORMAL CLASS MATERIAL WAS RELATED TO THE WORLD IN WHICH THEY LIVED.' THROUGH AMPLIFIED TELEPHONES AND VICTOR ELECTROWRITERS, STEVENS COLLEGE AND SIX OTHER COLLEGES (3 PREDOMINANTLY NEGRO) WILL DO A CO-OPERATIVE LECTURE SERIES WITHOUT FOUNDATION ASSISTANCE IN NOVEMBER 1966. THE RELATIVE LOW COST OF THE TECHNICAL SYSTEM GIVES STEVENS COLLEGE AND OTHER INSTITUTIONS WITH VERY LIMITED FUNDS AN OPPORTUNITY TO GIVE THEIR STUDENTS A MUCH HIGHER QUALITY OF EDUCATION THAN WOULD NORMALLY BE AVAILABLE. MOBILITY AND FLEXIBILITY PLUS AN ATMOSPHERE OF INFORMALITY ARE ALSO LISTED AS ADVANTAGES. EQUIPMENT COST IS 40 DOLLARS PER MONTH PER SCHOOL. LONG DISTANCE CHARGES FOR SIX OR SEVEN SCHOOLS FOR A 45-MINUTE LECTURE IN THE U.S. RANGES BETWEEN 120 AND 125 DOLLARS. CM



## RECID INDEX

4917C

\*\*\* YEOMANS, G. ALLAN \* LINDSEY, HENRY C.

4917C

TELELECTURES

SPEECH TEACHER 18,1, P65-7, JAN 1969

// HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION  
COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER

THE AUTHORS DESCRIBE HISTORICALLY THE USE OF TELELECTURES IN HIGHER EDUCATION IN THE U.S. TELELECTURES WERE FIRST UTILIZED AT STEPHENS COLLEGE (MISSOURI) IN 1957 BY JAMES A. BURKHART, WHO USED THEM TO ALLOW HIS SOCIAL STUDIES STUDENTS TO SPEAK WITH AMERICAN POLITICAL LEADERS. IN 1960, MICHEL BEILES INTRODUCED THE USE OF TELELECTURES FOR LARGE AUDIENCES. THE USE OF TELELECTURES HAS SUBSEQUENTLY DEVELOPED EXTENSIVELY AND DIVERSELY. THE AUTHORS DESCRIBE EXAMPLES OF USING THE TECHNIQUE CROSS-CONTINENTALLY, FOR COURSE ENRICHMENT, IN PEACE CORPS TRAINING PROGRAMS AND AS A MEANS OF PROFESSOR SHARING BETWEEN COOPERATING INSTITUTIONS. CURRENTLY ENHANCED BY ELECTROWRITERS, TELELECTURES HAVE THE MAIN ADVANTAGES OF FLEXIBILITY, LOW COST AND CONVENIENCE. DESCRIPTIONS OF THESE POINTS ARE LARGELY QUOTED FROM BELL'S PAMPHLET, 'TELELECTURE.' SEE 4067. FK

4918C

\*\*\*

4918C

SIU PROFS TEACH BY TELEWRITER

ILLINOIS EDUCATION 57,7, P292, MARCH 1969

// BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY  
CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV

FIVE HIGH SCHOOLS IN BARRY COUNTY, SOUTHWEST MISSOURI, HAVE BEEN LINKED FOR THREE YEARS IN THE TELEWRITER EDUCATIONAL SYSTEM. THIS NETWORK, WHICH IS SUPPORTED BY A FEDERAL GRANT AND COSTS APPROXIMATELY 20 DOLLARS PER HOUR OF USE, PROVIDES IMMEDIATE ACCESS TO A MULTIPLICITY OF DISTANT SPEAKERS. PRIMARY AMONG THESE DISTANT RESOURCES, ARE FACULTY MEMBERS OF THE BOTANY DEPARTMENT OF SOUTHERN ILLINOIS UNIVERSITY IN CARBONDALE, ILLINOIS. MICROPHONES RETURN STUDENT QUESTIONS TO THE LECTURER AND THE TELEWRITER OR 'BLACKBOARD BY WIRE' INSTANTLY TRANSMITS WHAT THE INSTRUCTOR WRITES TO THE VARIOUS REMOTE CLASSROOMS. APPLICATION OF THE TELELECTURE/ELECTROWRITER TECHNIQUE IS BEING CONSIDERED FOR SIU EXTENSION CLASSES THROUGHOUT SOUTHERN ILLINOIS. WH

4919

\*\*\* MYERS, K.C.

4919

DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P26-7+, MAY 1966

4920C

\*\*\* RICHARDSON, FRED M. (AND OTHERS)

4920C

THE DELEWARE MEDICAL SEMINARS EXPERIMENT

THE DELEWARE MEDICAL SEMINARS EXPERIMENT

GENERAL PRACTITIONER 25,4, P165-73, APRIL 1962

// REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO

BY PARTICIPATING IN A SERIES OF TWO-WAY RADIO CONFERENCES ORIGINATING FROM PENNSYLVANIA HOSPITAL, A GROUP OF DELAWARE PHYSICIANS SIGNIFICANTLY INCREASED THEIR KNOWLEDGE OF SELECTED MEDICAL TOPICS. FUNDED BY VARIOUS GRANTS, THE RADIO CONFERENCES BEGAN IN OCTOBER 1959. VOLUNTEER PHYSICIANS WERE TESTED BEFORE AND AFTER THE CONFERENCES BY MATCHED EXAMINATIONS PREPARED WITH QUESTIONS FROM THE FILES OF THE NATIONAL BOARD OF MEDICAL EXAMINERS. ALTHOUGH FOREIGN-EDUCATED PHYSICIANS SHOWED NO IMPROVEMENT, PHYSICIANS EDUCATED IN THE UNITED STATES ACHIEVED HIGHER SCORES AFTER THE CONFERENCES. THUS, THE AUTHORS CONCLUDE THAT '...THE TWO-WAY RADIO SERIES IS A REASONABLY EFFECTIVE TOOL AVAILABLE FOR THE CONTINUOUS EDUCATION OF PRACTICING PHYSICIANS.' THE ARTICLE IS VERY SPECIFIC AND GIVES DETAILED ANALYSES OF 1) EXAMINATION PREPARATION 2) DIFFICULTY OF QUESTIONS 3) VOLUNTEERS 4) GROUP SCORES AND 5) INTERPRETATION OF SCORES. THE ARTICLE ALSO DEFENDS MULTIPLE-CHOICE EVALUATIONS AS OPPOSED TO MORE SUBJECTIVE EVALUATIONS WHICH ARE DESCRIBED AS CLOUDED BY OPINION AND PERSONAL PREJUDICES. THE CONFERENCES ARE SIMILAR TO THOSE SPONSORED BY THE ALBANY MEDICAL COLLEGE. FK

4921B

\*\*\* FOELMAN, LILY

4921B

TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)  
WASHINGTON, COMMISSION ON ADULT JEWISH EDUCATION, B'NAI B'RITH, 1967

4922B

\*\*\* WALLACE, NED

4922B

EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON  
MADISON, UNIVERSITY OF WISCONSIN, N.D. Mimeo. 3P

4923

\*\*\* KRYSTAL, H.

4923

POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS  
PSYCHOSOMATICS 3, P188-92, MAY-JUNE 1962

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 37

REC'D INDEX

4924C

\*\*\* NELSON, WILLIAM P. (EDITOR) \* WOOLSEY, FRANK M., JR. (EDITOR)

4924C

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION

NEW YORK STATE JOURNAL OF MEDICINE 58,23, P3831-8, DEC 1958

// NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF

THIS ARTICLE CONTAINS THE EDITED TEXT OF A TWO-WAY RADIO CONFERENCE ON PSYCHOTHERAPY, HELD APRIL 12, 1957 BETWEEN THE ALBANY MEDICAL CENTER AND SIX HOSPITALS IN THE ALBANY AREA. THE CONFERENCE BEGAN WITH PRESENTATIONS BY DR. WILLIAM L. SANDS AND DR. JOHN K. MENELEY, JR., BOTH OF ALBANY MEDICAL COLLEGE. IN HIS PRESENTATION, DR. MENELEY STRESSED THAT HE WAS SPEAKING TO ALL PHYSICIANS, NOT JUST PSYCHIATRISTS. FOLLOWING THE PRESENTATIONS, PARTICIPATING HOSPITALS WERE ALLOWED TO SUBMIT QUESTIONS TO THE DISCUSSANTS. OFTEN THESE QUESTIONS LED TO GIVE-AND-TAKE DISCUSSIONS BETWEEN DR. SANDS, DR. MENELEY AND THE CONFERENCE'S MODERATOR, DR. FRANK M. WOOLSEY, JR. OTHER TELECONFERENCE PROCEEDINGS WILL BE PRINTED IN THE NEW YORK STATE JOURNAL OF MEDICINE. SEE ALSO 0542 AND 4051. FK

4925C

\*\*\* BRISKIER, ARTHUR

4925C

HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 169,17, P71-89 APRIL 25, 1959

// NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION

TWO EXPERIMENTS INVOLVING THE TRANSMISSION OF CLINICAL DATA FROM NEW YORK TO PARIS AND ROME WERE PERFORMED ON MAY 26, AND JULY 3, 1958. HEART SOUNDS WERE TRANSMITTED FROM NEW YORK VIA SHORT WAVE RADIO. THE RECORDED SOUNDS WERE INSTANTLY RETRANSMITTED ACROSS THE ATLANTIC FOR CROSS-CHECKING. VISUAL CLINICAL INFORMATION WAS EXCHANGED BY RADIO PHOTOGRAPHY--THIS INCLUDED ROENTGENOGRAMS, ELECTROCARDIOGRAMS AND RADIO-CHARTS TOGETHER WITH ESSENTIAL PERSONAL INFORMATION ABOUT THE PATIENT. THE SUCCESS OF THESE EXPERIMENTS LEADS BRISKIER TO COMMENT OPTIMISTICALLY ON THE FUTURE APPLICATIONS OF THIS TECHNOLOGY. SINCE THE TRANSMITTED INFORMATION IS SELF-EXPLANATORY AND CONTAINS NO SPEAKER WORDS, THERE WILL BE NO LANGUAGE BARRIER TO '...INSTANTANEOUS MEDICOSURGICAL EXAMINATION AND CONSULTATION.' APPLICATION OF LONG-DISTANCE CONSULTATION '...SHOULD RESULT IN A MORE COMPLETE AND SATISFACTORY MUTUAL UNDERSTANDING AMONG ALL DOCTORS AND SCIENTISTS THROUGHOUT THE WORLD.' WH

4926C

\*\*\* RICE, ED \* QUINN, STANLEY J.

4926C

TALKBACK AT UCONN

EDUCATIONAL TELEVISION 1,8, P11-4, JUNE 1969

4927

\*\*\*

4927

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966

ALBANY, N.Y., ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY. DEPARTMENT OF POSTGRADUATE EDUCATION,  
1966. PAMPHLET

4928C

\*\*\* BALINT, MICHAEL

4928C

TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES

LANCET 2,7372, P1293, DEC 12, 1964

// LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS

AFTER OBSERVING THE TWO-WAY RADIO NETWORK AT NEW YORK'S ALBANY MEDICAL COLLEGE, THE AUTHOR EXAMINED THE POSSIBILITIES OF SETTING UP A SIMILAR SYSTEM IN GREAT BRITAIN. THE NEED FOR IN-SERVICE MEDICAL EDUCATION WAS RECOGNIZED, BUT IT WAS NECESSARY TO DEVISE A SYSTEM THAT WOULD NOT DISRUPT THE WORK DAY. AN ACCEPTABLE TWO-WAY TELEPHONE SYSTEM WAS NEGOTIATED WITH THE RELIANCE TELEPHONE CO., USING PARALLEL TRUNK LINES BETWEEN NORTHAMPTON AND LONDON. THE AUTHOR FEELS THAT, 'THE RANGE OF USEFULNESS OF THIS METHOD IS CONSIDERABLE. ONE CAN THINK OF APPLYING IT ANYWHERE WHERE THE AUDIENCE IS SMALL ENOUGH TO MAKE INTENSIVE PARTICIPATION FEASIBLE - SAY TEN TO TWENTY PARTICIPANTS AT EACH END. ALTHOUGH DIRECT PERSONAL CONTACT HAS TO BE SACRIFICED, THIS IS MORE THAN MADE GOOD BY THE LESSENERED DISTURBANCE OF ONE'S DAILY ROUTINE.' CONSIDERABLE ATTENTION WAS PAID TO DEVELOPING A SYSTEM WHICH WAS PORTABLE, INEXPENSIVE AND COULD BE OPERATED BY PERSONS NOT TRAINED IN ELECTRONICS. LC

4929

\*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT  
UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT  
OXFORD, NEW YORK, PERGAMON PRESS, 1966. 92P

4929

4930

\*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \* PERRATON, H.D. \* WADE, D.A.  
\* FOX, J.W.  
LINKING UNIVERSITIES BY TECHNOLOGY  
CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969. 83P

4930

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

REC'D INDEX

PAGE 38

4931C

\*\*\*

4931C

TEACHING BY TELEPHONE

AUDIOVISUAL INSTRUCTION 12,7, P683-7, SEPT 1967

// TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION  
CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES  
HOMEBOUND-CHILDREN

THE PUBLIC HIGH SCHOOLS OF TOPEKA, KANSAS BEGAN USING A TWO-WAY TELEPHONE AND ELECTROWRITER TELELECTURE TECHNIQUE AS A TEACHER SHARING DEVICE WITHIN THREE PARTICIPATING SCHOOLS. THE SCHOOLS PLAN TO USE TELELECTURES FOR COURSE ENRICHMENT BY PROVIDING CONTACT BETWEEN THE STUDENTS AND PROMINENT SPEAKERS. THE AUTHOR ALSO DESCRIBES USE OF TELELECTURES BY OTHER INSTITUTIONS TO DEMONSTRATE OTHER MODES OF USE AND THE EQUIPMENT UTILIZED. HE DESCRIBES A UCLA ADULT EXTENSION COURSE WHICH USED PUSH-BUTTON PHONES TO ALLOW SUBGROUPS TO CONVERSE INDEPENDENTLY OR WITH THE ENTIRE GROUP. CORNELL UNIVERSITY'S COLLEGE OF ENGINEERING USES THE 'BLACKBOARD-HY-WIRE' TO TEACH INDUSTRIAL SCIENTISTS 55 MILES AWAY. THE SYSTEM UTILIZED TWO-WAY VOICE AND ONE-WAY ELECTRONIC PEN COMMUNICATION AND AN INDICATOR BUTTON TO SIGNAL THE DESIRE TO SPEAK. HOMEBOUND CHILDREN IN NEW YORK AND LOS ANGELES ARE RECEIVING INSTRUCTION BY MEANS OF A NEW BELL SYSTEM SERVICE CALLED TELE-CLASS SERVICE. THE SYSTEM UTILIZED AUTOMATIC DIALING, PUSH BUTTONS ALLOWING SIMULTANEOUS OR INDIVIDUAL CONNECTIONS, AND MULTI-DIRECTIONAL VOICE COMMUNICATION. THE ALYRD UNIFIED SCHOOL DISTRICT IN RIVERSIDE, CALIFORNIA HAS A DIAL-A-TAPE SYSTEM FOR REPETITION OR EXPLANATION OF HOMEWORK ASSIGNMENTS. CM

4933

\*\*\*

4933

DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT

ALBANY, N.Y., ALBANY MEDICAL COLLEGE. DEPARTMENT OF POSTGRADUATE MEDICINE, 1967

4934C

\*\*\* BRETZ, RUDY

4934C

SANTA MONICA, CALIF., RAND CORPORATION, 1969. 113P

4941C

\*\*\* PARKER, LORNE A.

4941C

WISCONSIN IDEA JOINS THE PARTY-LINE

PROGRAM PREVIEW 1,9, P19-21, NOV 1968

// WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING

THIS ARTICLE DESCRIBES THE HISTORY AND DEVELOPMENT OF ETN AND SCA, TWO COMMUNICATIONS SYSTEMS WHICH

THIS ARTICLE DESCRIBES THE HISTORY AND DEVELOPMENT OF ETN AND SCA, TWO COMMUNICATIONS SYSTEMS WHICH

ARE BEING USED BY THE UNIVERSITY OF WISCONSIN EXTENSION TO TRANSMIT PROGRAMS THROUGHOUT THE STATE OF WISCONSIN. LINKING 50 COURTHOUSES, 56 HOSPITALS AND 15 UW CAMPUS CENTERS, ETN IS A TELECONFERENCING HOOKUP SIMILAR TO AN OLD FASHIONED, RURAL TELEPHONE SERVICE WITH A NUMBER OF PARTIES ON THE SAME LINE. SCA IS A MULTIPLEXING TECHNIQUE WHICH ALLOWS AN FM STATION TO TRANSMIT AN ADDITIONAL SIGNAL ON TOP OF ITS REGULAR ONE. THE FCC AUTHORIZED SCA FOR COMMERCIAL PURPOSES IN 1955 AND FOR EDUCATIONAL PURPOSES IN 1961. ALTHOUGH THE TWO SYSTEMS HAVE MANY SIMILARITIES, ETN IS MORE FLEXIBLE AND SPONTANEOUS, WHILE FEEDBACK OVER SCA REQUIRES THAT A LISTENER PLACE A LONG DISTANCE TELEPHONE CALL TO THE ORIGINATING FM STATION. SCA AT THE UNIVERSITY OF WISCONSIN BEGAN IN 1966 OVER WHA-FM, AN EDUCATIONAL STATION, WHILE ETN BEGAN BY TRANSMITTING POSTGRADUATE MEDICAL PROGRAMS IN 1965. SINCE THEIR BEGINNINGS, ETN AND SCA HAVE BOTH EXPANDED AND DIVERSIFIED THEIR OFFERINGS, ALTHOUGH '...THE SURFACE HAS BARELY BEEN SCRATCHED IN THE DEVELOPMENT OF THE TWO SYSTEMS.' FK

4942C

\*\*\*

4942C

ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS

COMMUNICATIONS NEWS 7,6, JUNE 1970

// PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA

LEE HOSPITAL IN JOHNSTOWN, PENNSYLVANIA HAS INITIATED AN ELECTROCARDIOGRAPH NETWORK WHICH ALLOWS PHYSICIANS TO ANALYZE EKG TRACINGS WITHOUT LEAVING THEIR HOMES. THE EKG NETWORK, WHICH IS AVAILABLE ON WEEKENDS, AT NIGHTS, AND AT OTHER TIMES WHEN A HEART SPECIALIST IS NOT PRESENT AT LEE HOSPITAL, RESULTS IN SPEEDY DIAGNOSIS AND SAVES PHYSICIANS MUCH TRAVEL TIME. UTILIZING STANDARD TELEPHONE LINES PROVIDED BY THE GENERAL TELEPHONE COMPANY OF PENNSYLVANIA, THE SYSTEM CONSISTS OF EKG MACHINES AND DATA TRANSLATORS AT BOTH THE HOSPITAL AND PHYSICIANS' HOMES. THE HOSPITAL UNIT CAN BE MOVED FROM ROOM TO ROOM, AND EKG TRACINGS ARE TAPE RECORDED FOR FUTURE REFERENCE. THE POSSIBILITY OF ADDING OTHER HOSPITALS TO THE EKG NETWORK IS BEING INVESTIGATED. A DIAGRAM AND PHOTOGRAPHS OF THE SYSTEM ARE INCLUDED. FK

4949C

\*\*\* FINGER LAKES REGION SUPPLEMENTARY EDUCATIONAL CENTER

4949C

GRADUATE INSTRUCTION VIA TELEPHONE

HOMER, N.Y., SUPPLEMENTARY EDUCATION CENTER, 1968. 19P

## REC'D INDEX

- 4951C      \*\*\* ORLICH, DONALD C. (EDITOR) \* HILEN, CHARLES O. (EDITOR)      4951C
- TELECOMMUNICATIONS FOR LEARNING
- EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE UNIVERSITY,  
1969. 62P. ERIC ED 045 868
- // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL
- THIS REPORT OF A SEMINAR ON THE APPLICATION OF TELECOMMUNICATIONS TECHNOLOGY TO EDUCATIONAL THEORY AND PRACTICE CONTAINS ELEVEN SPEECHES. THE FIRST PRESENTS ILLUSTRATIONS OF THE NEED FOR FEEDBACK FROM THE USER, BASIC CONSIDERATIONS FOR PLANNING IN TELECOMMUNICATIONS, AND USES OF THE NEW EQUIPMENT. THE SECOND DESCRIBES THE FUNCTION AND MECHANICS OF A TELEPHONE SYSTEM AND THE AVAILABLE SERVICES PROVIDED BY TELEPHONE COMPANIES, AND THE THIRD SPEECH DEALS WITH VOICE GRADE COMMUNICATION DEVICES AND THEIR USES. THE FOURTH OFFERS CRITERIA FOR ANALYZING A DATA COMMUNICATION'S SYSTEM AND A DESCRIPTION OF DATA SETS AND SERVICES PROVIDED BY THE BELL SYSTEM, AND THE FIFTH DETAILS DIFFERENT MODES OF TELECOMMUNICATIONS AND THE SERVICES AND SUPPORTIVE HARDWARE OFFERED BY TELEPHONE COMPANIES. THE SIXTH SPEECH CONSIDERS WAYS TO PLAN AND APPLY DATA COMMUNICATIONS DEVICES TO EDUCATION, WHILE THE SEVENTH CONSIDERS THESE DEVICES IN RELATION TO THE FINANCIAL INDUSTRY. THE EIGHTH EXPLORES SPECIAL FUNCTIONS OF THE NEW TECHNOLOGY IN EDUCATION, AND THE NINTH DETAILS OPERATIONAL COSTS AND THE CONCEPT OF TIME SHARING. THE TENTH IS CONCERNED WITH THE USES OF TWO-WAY TELEVISION IN THE FUTURE OF EDUCATION, AND THE FINAL SPEECH DEALS WITH PROBLEMS OF EDUCATORS IN MAKING PREDICTIVE JUDGEMENTS CONCERNING THE USES OF DATA COMMUNICATIONS TECHNOLOGY. (SM) ERIC
- 4963B      \*\*\* WOODRUFF, GARY L.      4963B
- THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS
- PAGES 7-8 IN ORLICH, DONALD C. AND CHARLES O. HILER (EDITORS) TELECOMMUNICATIONS FOR LEARNING. EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE UNIVERSITY, 1969
- 4964B      \*\*\* BRONG, GERALD R.      4964B
- UTILIZATION OF VOICE MEDIA
- PAGES 9-11 IN ORLICH, DONALD C. AND CHARLES O. HILER (EDITORS) TELECOMMUNICATIONS FOR LEARNING. EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE UNIVERSITY, 1969
- 4965B      \*\*\* THE UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. HEALTH SCIENCES UNIT      4965B
- TELECOMMUNICATIONS CONFERENCE
- BROCHURE. CONFERENCE TO BE HELD OCTOBER 15-16, 1970, MADISON, WISCONSIN



4972C

\*\*\* COWAN, JOHN D., JR.

OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK

INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION 3, P431-3, 1965

4972C

4973C

\*\*\* COWAN, JOHN D., JR.

TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV

NATIONAL ELECTRONICS CONFERENCE. PROCEEDINGS 22, P938-40, 1966

4973C

4974C

\*\*\* BECKMAN, EVERETT G.

PROFESSOR STEVENS, THE CLASS IS READY

AUDIOVISUAL INSTRUCTION 15,3, P74-5+, MARCH 1970

4974C

4984

\*\*\*

AROUND THE CORNER, THE VIEWPHONE

INTERNATIONAL MANAGEMENT 24,10, P69, OCT 1969

4984

4985

\*\*\* BLOCKSTEIN, WILLIAM \* DURANT, WINSTON J.

CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE

AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION 32, P619-24, NOV 1968

4985

## RECID INDEX

4986A

\*\*\* NATIONAL CONFERENCE ON TELECOMMUNICATIONS POLICY IN EDUCATION, ATHENS, GEORGIA, DEC 4-6, 1968  
\* CARPENTER, C.R. EDITOR \* MEANEY, JOHN W. EDITOR

4986A

TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION

WASHINGTON, JOINT COUNCIL ON EDUCATIONAL TELECOMMUNICATIONS, 1970. ERIC ED 044 917

// CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED  
GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE

PAPERS FROM A CONFERENCE ON TELECOMMUNICATIONS ARE PRESENTED IN THIS REPORT, AS WELL AS THE DISCUSSION AND RECOMMENDATIONS OF THE FIVE CONFERENCE COMMISSIONS. THE PAPERS ARE CONCERNED WITH EDUCATION AND TELECOMMUNICATIONS, THE CORPORATION OF PUBLIC BROADCASTING, INFORMATION SYSTEMS FOR THE FUTURE, CABLE TELEVISION, SATELLITE SYSTEMS, THE PRESIDENT'S TASK FORCE ON COMMUNICATIONS POLICY, AND SYSTEMS APPLICATIONS. THE WORK AND REPORTS OF THE CONFERENCE COMMISSIONS CENTERED AROUND THE RELATIONSHIPS OF TELECOMMUNICATION WITH UNIVERSITIES, SCHOOLS, PRESCHOOL EDUCATION, CONTINUING EDUCATION, AND URBAN EDUCATION. THE RECOMMENDATIONS OF THE CONFERENCE COMMISSIONS WERE THAT, THE JOINT COUNCIL ON EDUCATIONAL TELECOMMUNICATIONS (JCET) SHOULD INSURE THE RECOGNITION OF EDUCATION'S STAKE IN THE NEW TECHNOLOGIES, THAT JCET SHOULD EMPHASIZE THE IMPORTANCE OF THE OPPORTUNITY THAT NOW EXISTS TO BRING TWO-WAY CABLE COMMUNICATIONS INTO THE AMERICAN HOME, THAT JCET SHOULD HELP WITH STRATEGY TO USE COMMUNICATIONS MEDIA IN ATTACKING SOCIAL PROBLEMS, THAT JCET SHOULD JOIN WITH OTHER AGENCIES TO BRING ABOUT COOPERATIVE PRODUCTION OF INSTRUCTIONAL MATERIALS, AND THAT JCET SHOULD URGE THE UNITED STATES OFFICE OF EDUCATION TO EXPAND ITS PROGRAMS FOR TRAINING FACULTY AND TECHNICIANS IN THE USE OF TELECOMMUNICATIONS. (MF) ERIC

4987C

\*\*\* PARKER, LORNE A.

4987C

SCA - A NEW MEDIUM

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION, 1969. 43P

// ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW

'THIS BOOK PRESENTS A HISTORICAL ANALYSIS OF SCA UNDER THOSE CATEGORIES - TECHNICAL, HISTORICAL, LEGAL, AND UTILIZATIONAL - ESSENTIAL FOR AN UNDERSTANDING OF ITS POTENTIAL. CHAPTER I INTRODUCES AND GIVES A BRIEF HISTORY OF THE SCA. CHAPTER II TRACES THE TECHNICAL DEVELOPMENT OF THE MULTIPLEXING THEORY FROM THE SPARK TRANSMITTER DEVELOPED BY MARCONI TO THE PRESENT FORM OF FM MULTIPLEXING THAT WAS DEMONSTRATED BY MAJOR ARMSTRONG IN 1953. THE LEGAL AND REGULATORY ASPECTS OF SCA ARE DISCUSSED IN CHAPTER III.' 'THE COMMERCIAL FM STATIONS STARTED USING MULTIPLEXING OUT OF ECONOMIC NECESSITY. THEY OBTAINED REVENUE BY SELLING BACKGROUND MUSIC TRANSMITTED ON THEIR SCA CHANNELS. SCA PROVIDES THE FINANCIAL MEANS BY WHICH MOST FM STATIONS ARE ABLE TO CARRY ON THEIR BROADCAST FUNCTION. THIS AND OTHER COMMERCIAL UTILIZATIONS ARE DISCUSSED IN CHAPTER IV.' 'CHAPTER V DISCUSSES THE EDUCATIONAL UTILIZATION OF SCA. WHA-RADIO, A SERVICE OF UNIVERSITY EXTENSION, THE UNIVERSITY OF WISCONSIN, WAS ONE OF THE FIRST EDUCATIONAL FM STATIONS TO ADOPT AND UTILIZE THE SCA CHANNEL FOR EDUCATIONAL PURPOSES. BECAUSE OF THIS FACT, CHAPTER V MAINLY DEALS WITH THE EDUCATIONAL SCA UTILIZATION IN WISCONSIN. CHAPTER VI IS A SUMMARY OF THE HISTORY OF SCA AND GIVES CONCLUSIONS AS TO NEEDS AND PROBABLE TRENDS.' 'IT HAS TAKEN THIRTY-TWO YEARS FOR THE USE TO CATCH UP WITH THE TECHNOLOGY OF FM MULTIPLEXING. THE TECHNICAL DEVELOPMENTS ARE HERE. IT IS UP TO EDUCATIONAL AND COMMERCIAL

MULTIPLEXING. THE TECHNICAL DEVELOPMENTS ARE HERE.. IT IS UP TO EDUCATIONAL AND COMMERCIAL BROADCASTERS TO EXPLOIT THE TREMENDOUS POTENTIAL THAT SCA MULTIPLEXING OFFERS.' A CONCISE VERSION OF THIS BOOK CAN BE FOUND IN THE AUTHOR'S ARTICLE IN EDUCATIONAL BROADCASTING REVIEW. (SEE 4708). LC

8700C

\*\*\*

8700C

DIALING UP A DIALUGUE ON CABLE

BROADCASTING 80,22, P45, MAY 31, 1971

// OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC  
VICOM-MANUFACTURING

BEGINNING JUNE 23, 1971, AN EXPERIMENT WILL BE CONDUCTED IN OVERLAND PARK, KANSAS, WHICH WILL TEST POSSIBLE USES OF TWO-WAY COMMUNICATION OVER CABLE TELEVISION. USING A NEW TYPE OF TERMINAL UNIT, THE EXPERIMENT WILL INITIALLY CONCENTRATE ON HOME INSTRUCTION FOR DISABLED CHILDREN. THE DISABLED CHILD AND HIS TEACHER WILL BE ABLE TO SEE EACH OTHER VIA TELEVISION CAMERAS AND THE CHILD WILL RAISE HIS HAND BY PUNCHING BUTTONS ON THE TERMINAL. TELECABLE, INC., WHICH WILL CONDUCT THE EXPERIMENT, WILL ALSO TEST THE APPLICATION OF TWO-WAY CATV FOR SHOPPING, FIRE AND BURGLAR ALARM NETWORKS, AND OPINION SURVEYS. JK

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 1

AHMAD, BASHIR \*\*\*

4701C

PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED  
BY THE UW EXTENSION DEPARTMENT OF ENGINEERING

MIMEO. 14P. RECEIVED FROM DR. JOHN KLUS, UNIVERSITY EXTENSION, UNIVERSITY OF WISCONSIN

AMERICAN TELEPHONE AND TELEGRAPH \*\*\*

0419C

SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS

AMERICAN TELEPHONE AND TELEGRAPH. BROCHURE. N.P., N.D.

ATHERTON, LAWRENCE L. \*\*\*

0424C

CLASSROOM PARTY-LINE

OHIO SCHOOLS 42, P25+, DEC 1964

AULT, LESLIE H. \*\*\*

4014A

A SITUATION TEST OF TRAINING EFFECTIVENESS

NEW YORK, XEROX CORPORATION, 1968. 10P. ERIC ED 019 625

BALINT, MICHAEL \*\*\*

4928C

TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES

LANCET 2,7372, P1293, DEC 12, 1964

BARDWELL, JOHN D. \*\*\*

4514C

A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL  
INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND

DURHAM, N.H., NEW ENGLAND CENTER FOR CONTINUING EDUCATION (1968) 69P. ERIC ED 031 685

BARDWELL, JOHN D. \*\*\*

4520A

TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL  
INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF  
NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION

DURHAM, NEW HAMPSHIRE UNIVERSITY, JULY 1970. 40P. ERIC ED 044 897

DURHAM, NEW HAMPSHIRE UNIVERSITY, JULY 1970. 40P. ERIC ED 044 897

BAVELAS, ALEX \*\*\*

0478C

TELECONFERENCING, BACKGROUND INFORMATION

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-106. IDA/HQ 64-2310,  
NOV 1963

BAVELAS, ALEX \*\*\*

0479C

TELECONFERENCING, GUIDELINES FOR RESEARCH

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-107. IDA/HQ 64-2312,  
NOV 1963

BEATTIE, THOMAS \*\*\* FRICK, PAUL

4505A

THE TELEPHONE METHOD OF TEACHING

DENVER, COLORADO STATE DEPARTMENT OF EDUCATION, (1963) 23P. ERIC ED 026 357

BECKMAN, EVERETT G. \*\*\*

4974C

PROFESSOR STEVENS, THE CLASS IS READY

AUDIOVISUAL INSTRUCTION 15,3, P74-5+, MARCH 1970

BEHRENS, JOHN H. \*\*\*

0573C

MULTIMEDIA FIELDTRIP REPLACEMENTS

AUDIOVISUAL INSTRUCTION 12,7, P714-5, SEPT 1967

BEILIS, MICHEL \*\*\*

0585C

TELELECTURE, A NEW LOOK

BELL TELEPHONE MAGAZINE 43,2, P40-5, SUMMER 1964

BELDEN, THOMAS G. \*\*\*

0482C

TELECONFERENCING, PROCEDURES

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-111. IDA/HQ 64-2316,  
NOV 1963

## AUTHOR INDEX

BERGEN, STANLEY S., JR. \*\*\*

0489C

USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION

NEW YORK JOURNAL OF MEDICINE 66, P2694-7, OCT 15, 1966

BLACKWOOD, HELEN \*\*\* TRENT, CURTIS

0421C

A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS

MANHATTEN, KANSAS STATE UNIVERSITY. UNIVERSITY EXTENSION SERVICE, 1968. 16P. (EXTENSION STUDY 4). ERIC ED 028 324

BLOCK, VICTOR \*\*\*

0591C

HOW DOCTORS KEEP UP

TODAY'S HEALTH 45, P56+, AUGUST 1967

BLOCKSTEIN, WILLIAM \*\*\* DURANT, WINSTON J.

4985

CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE

AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION 32, P619-24, NOV 1968

BOSWELL, JOHN J. \*\*\* MOCKER, DONALD W. \* HAMLIN, WILLIAM C.

0428C

TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING

ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968

BRETZ, RUODY \*\*\*

4934C

COMMUNICATION MEDIA, PROPERTIES AND USES

SANTA MONICA, CALIF., RAND CORPORATION, 1969. 113P

BRISKIER, ARTHUR \*\*\*

4925C

HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION

JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 169,17, P71-89 APRIL 25, 1959

BRONG, GERALD R. \*\*\*

4964B

UTILIZATION OF VOICE MEDIA

PAGES 9-11 IN ORLICH, DONALD C. AND CHARLES O. HILER (EDITORS) TELECOMMUNICATIONS FOR LEARNING.  
EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE  
UNIVERSITY, 1969

BROWN, SANDRA M. \*\*\*

0569C

TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR  
INSTRUCTOR 78,2, P126, OCT 1968

BROWN, SANDRA M. \*\*\* EDUCATION INCORPORATED, CHARLESTON, WEST VIRGINIA

4015A

HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A  
MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA

CHARLESTON, WEST VIRGINIA, EDUCATION INCORPORATED, 1967. 39P. ERIC ED 017 163

BRUNCLIK, HELEN L. \*\*\* HORNBACK, MAY S.

4133C

PARTY-LINE FOR NURSES

NURSING CUTLOOK 16, P30-1, MAY 1968

BURNS, RICHARD L. \*\*\* MERTON, BERRY E.

0453

TELELECTURE IN INDUSTRIAL EDUCATION

INDUSTRIAL ARTS AND VOCATIONAL EDUCATION 55,6, P40, JULY 1966

CAMPBELL, R.R. \*\*\* HONNOLD, G.H.

4628C

TEACHING BY TELEPHONE

BELL LABORATORY RECORD 48,1, P23-5, JAN 1970

CARPENTER, C.R. EDITOR \*\*\* NATIONAL CONFERENCE ON TELECOMMUNICATIONS POLICY IN EDUCATION, ATHENS, GEORGIA, DEC  
4-6, 1968 \* MEANEY, JOHN W. EDITOR

4986A

TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION

WASHINGTON, JOINT COUNCIL ON EDUCATIONAL TELECOMMUNICATIONS, 1970. ERIC ED 044 917

CHRISTIANA, CIEL \*\*\*

0430C

LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM

NEW YORK STATE EDUCATION 51,2, P16-7, NOV 1963



TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 3

CLARKE, MICHAEL J. \*\*\* JESSER, DAVID L.

4023A

ART BY TELEPHONE

RENO, NEVADA UNIVERSITY. NEVADA WESTERN STATES SMALL SCHOOLS PROJECT. CARSON CITY, 1966. 13P.  
ERIC ED 025 359

CLARKE, MICHAEL J. (AND OTHERS) \*\*\*

4519A

ART BY TELEPHONE, DESIGN AND EVALUATION

LAS VEGAS, NEVADA, CLARK COUNTY SCHOOL DISTRICT, 1970. 31P. ERIC ED 044 222

CLINCO, ARTHUR A. \*\*\* SPART, CHARLES R. \* STERNBERG, THOMAS H.

0501C

INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION

JOURNAL OF MEDICAL EDUCATION 41, P977-81, OCT 1966

COLLINS, ROBERT H. \*\*\*

4914

TELELECTURES

SOUTHERN EDUCATION REPORT 2,4, NOV 1966

COLLINS, ROBERT H. \*\*\*

4915C

TELELECTURES BRING NOTABLES INTO CLASSROOMS

SOUTHERN EDUCATION REPORT 2,4, P14-7, NOV 1966

COOK, THOMAS G. \*\*\*

0544C

TEL-LECTURE

ADULT LEADERSHIP 12, P11-2, MAY 1963

COWAN, JOHN D., JR. \*\*\*

4972C

COWAN, JOHN D., JR. \*\*\*

4973C

COWAN, JOHN D., JR. \*\*\*

4973C

TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV

NATIONAL ELECTRONICS CONFERENCE. PROCEEDINGS 22, P938-40, 1966

CURETON, JAN W. \*\*\* MOOERS, R. WAYNE

0566C

HOMEBOUNC-LESS

AUDIOVISUAL INSTRUCTION 10, P708-9, NOV 1965

CURNOW, B. KATHLEEN C. \*\*\*

0432C

TELE-CLASSES IN LOS-ANGELES SCHOOLS

CALIFORNIA EDUCATION 3,5, P3-7, JAN 1966

DAVID, AUSTIN, F.S.C. \*\*\*

0592C

TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY

NATIONAL CATHOLIC EDUCATION ASSOCIATION BULLETIN 65, P25-30, MAY 1969

DAVID, AUSTIN, F.S.C. \*\*\*

0574C

THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS

AUDIOVISUAL INSTRUCTION 13, P1088-90, DEC 1968

DAVIDSON, ROBERT C. \*\*\* HAGENY, WILLIAM J. \* PRICE, JOHN F.

0565C

ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE

NEW YORK STATE EDUCATION 55, P14-5+, APRIL 1968

0433

NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM  
EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P28+, MAY 1966

DEI ROSSI, J.A. \*\*\* FARCUHAR, J.A.

4511A

ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS

SANTA MONICA, CALIFORNIA, RAND CORPORATION, DECEMBER 1969. 9P. RAND REPORT NO. P-4272. ERIC ED  
038 156

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 4.

DREYFUS, LEE S. \*\*\* GUMPERT, GARY

0661

STUDENTS VISIT VIA SATELLITE

NAEB JOURNAL, P6-13, MAY-JUNE 1966

DREYFUS, LEE S. \*\*\* LOOFBORD, PAUL M.

0680C

FIRST INTERCONTINENTAL TV CLASSROOM

AMERICAN SCHOOL BOARD JOURNAL 151, P29+, SEPT 1965

DURANT, WINSTON J. \*\*\* BLOCKSTEIN, WILLIAM

4985

CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE

AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION 32, P619-24, NOV 1968

DYMENT, ROBERT \*\*\*

4720C

PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS

EBBERT, ARTHUR JR. ***	4052
TWO-WAY RADIO IN MEDICAL EDUCATION	
THE JOURNAL OF MEDICAL EDUCATION 38,4, P319-28, APRIL 1963	
EDELMAN, LILY ***	4921B
TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	
WASHINGTON, COMMISSION ON ADULT JEWISH EDUCATION, B'NAI B'RITH, 1967	
EDINGER, WARD ***	0564C
THE TECHNIQUE OF TELE-LECTURE	
NEW YORK STATE EDUCATION 52, P35, MAY 1965	
EDUCATION INCORPORATED, CHARLESTON, WEST VIRGINIA *** BROWN, SANDRA M.	4015A
HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA	
CHARLESTON, WEST VIRGINIA, EDUCATION INCORPORATED, 1967. 39P. ERIC ED 017 163	
EVERLY, JACK C. ***	4506C
INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES	
PAPER PRESENTED AT THE ADULT EDUCATION RESEARCH CONFERENCE, MINNEAPOLIS, FEBRUARY 27-28, 1970. 11P. ERIC ED 036 754	
FARBER, SEYMOUR M. ***	4123C
MEDICAL RADIO CONFERENCES	
CALIFORNIA MEDICINE 104, P141, FEB 1966	
FARQUHAR, J.A. *** DEI ROSSI, J.A.	4511A

FINGER LAKES REGION SUPPLEMENTARY EDUCATIONAL CENTER \*\*\*

4949C

GRADUATE INSTRUCTION VIA TELEPHONE

HOMER, N.Y., SUPPLEMENTARY EDUCATION CENTER, 1968. 19P

FOX, J.W.

\*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \* PERRATON, H.D. \* WADE, D.A.

4930

LINKING UNIVERSITIES BY TECHNOLOGY

CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969. 83P

FREDETTE, ALBERT P. \*\*\*

0542C

TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT

AUDIOVISUAL INSTRUCTION 8, P738-40, DEC 1963

FRICK, PAUL

\*\*\* BEATTIE, THOMAS

4505A

THE TELEPHONE METHOD OF TEACHING

DENVER, COLORADO STATE DEPARTMENT OF EDUCATION, (1963) 23P. ERIC ED 026 357

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 5

GLENN, EDMUND S. \*\*\*

0480C

TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS

GLYNN, ELIZABETH N. \*\*\*

4142C

NURSING RADIO CONFERENCES

NURSING OUTLOOK 15, P32-3, MAY 1967

GOROSCH, MAX \*\*\*

4009A

TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING

INTERNATIONAL REVIEW OF APPLIED LINGUISTICS IN LANGUAGE TEACHING 5,2/3, P123-39, JULY 1967. ERIC  
ED 013 054

GRACE, DONALD J. \*\*\* PETTIT, JOSEPH M.

4646C

THE STANFORD INSTRUCTIONAL TELEVISION NETWORK

IEEE SPECTRUM 7,5, P73-80, MAY 1970

GUMPERT, GARY \*\*\* DREYFUS, LEE S.

0661

STUDENTS VISIT VIA SATELLITE

NAEB JOURNAL, P6-13, MAY-JUNE 1966

HAGENY, WILLIAM J. \*\*\* DAVIDSON, ROBERT C. \* PRICE, JOHN F.

0565C

ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE

NEW YORK STATE EDUCATION 55, P14-5+, APRIL 1968

HAMLIN, WILLIAM C. \*\*\* BOSWELL, JOHN J. \* MOCKER, DONALD W.

0428C

TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING

ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968

HANSEN, RICHARD H. \*\*\* MEYER, THOMAS C. \* KEILHER, JERRY J.

4132C

COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF  
PHYSICIANS AND ALLIED HEALTH PERSONNEL

JOURNAL OF MEDICAL EDUCATION 43,1, P73-7, JAN 1968

HANSEN, RICHARD H. \*\*\* MEYER, THOMAS C. \* KELIHER, JERRY J.

0554C

TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL

MEDICAL AND BIOLOGICAL ILLUSTRATION 18, P18-23, JAN 1968

HARRIS, CORNELIA \*\*\*

0570C

DIAL O FOR OPERATOR

INSTRUCTOR 78,5, P43, JAN 1969

HELDRIK, F.J., JR. \*\*\*

4131C

MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION

MARYLAND STATE MEDICAL JOURNAL 16, P90-3, MARCH 1967

HILEN, CHARLES O. (EDITOR) \*\*\* ORLICH, DONALD C. (EDITOR)

4951C

TELECOMMUNICATIONS FOR LEARNING

EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE UNIVERSITY,  
1969. 62P. ERIC ED 045 868

HONNOLD, G.H. \*\*\* CAMPBELL, R.R.

4628C

TEACHING BY TELEPHONE

BELL LABORATORY RECORD 48,1, P23-5, JAN 1970

HORNBACK, MAY S. \*\*\* BRUNCLIK, HELEN L.

4133C

PARTY-LINE FOR NURSES

NURSING OUTLOOK 16, P30-1, MAY 1968

HOYLER, ROBERT C. \*\*\*

0596C

TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS

IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 15, P120-3, FEB 1967

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 6

HUMAN SCIENCES RESEARCH, INC. \*\*\*

0483C

TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS

INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-113. IDA/HQ 64-4698, OCT 1963. (REVISED MARCH 1966)

INTERMOUNTAIN REGIONAL MEDICAL PROGRAM \*\*\*

4910C

INTERMOUNTAIN REGIONAL MEDICAL PROGRAM

INTERMOUNTAIN REGIONAL MEDICAL PROGRAM. BROCHURE. RECEIVED FEB 1970

JESSER, DAVID L. \*\*\* CLARKE, MICHAEL J.

4023A

ART BY TELEPHONE

RENO, NEVADA UNIVERSITY. NEVADA WESTERN STATES SMALL SCHOOLS PROJECT. CARSON CITY, 1966. 13P. ERIC ED 025 359

JOHNSON, LEONARD \*\*\*

4697C

CHEMISTRY COURSE

CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968

JOLLY, JOAN

\*\*\* MADDEN, CHARLES F.

4020A

AMPLIFIED TELEPHONE AS A TEACHING MEDIUM

COLUMBIA, MISSOURI, STEPHENS COLLEGE REPORT NUMBER SC-EDUC-REP-1, MARCH 1965. 95P. ERIC ED 012 620

JOYNER, DOUGLAS \*\*\*

0443C



NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS

AUDIOVISUAL INSTRUCTION 11,6, P442, JUNE-JULY 1966

KELIHER, JERRY J. \*\*\* MEYER, THOMAS C. \* HANSEN, RICHARD H.

4132C

COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF  
PHYSICIANS AND ALLIED HEALTH PERSONNEL

JOURNAL OF MEDICAL EDUCATION 43,1, P73-7, JAN 1968

JOURNAL OF MEDICAL EDUCATION 43,1, P73-7, JAN 1968

KELIHER, JERRY J. \*\*\* MEYER, THOMAS C. \* HANSEN, RICHARD H.

0554C

TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL

MEDICAL AND BIOLOGICAL ILLUSTRATION 18, P18-23, JAN 1968

KENDALL, LLOYD \*\*\*

0444C

MEET THE SPOKESMAN

AUDIOVISUAL INSTRUCTION 9,4, P236, APRIL 1964

KING, FRANKLIN J. \*\*\*

4504C

FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL  
TEACHERS

COLUMBIA, UNIVERSITY OF MISSOURI, ED.D. THESIS, 1970. 156P. AVAILABLE FROM UNIVERSITY MICROFILMS,  
INC., ANN ARBOR, MICHIGAN. ERIC ED 042 019

KLEMMER, EDMUND T. \*\*\*

0477C

HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING

HUMAN FACTORS 8, P475-80, DEC 1966

KLUGMAN, EDGAR \*\*\*

4016C

PROJECT EAR, EDUCATIONAL AMATEUR RADIO

KRAY, EUGENE J. \*\*\*

0445C

NEW TELEPHONE LEARNING TECHNIQUES

BALANCE SHEET 46,4, P192, DEC 1964

KRUCK, DONALD

\*\*\* TVERSKY, ARNOLD D.

4686C

CLASSROOM COMMUNICATION, TELECTURE

AUDIOVISUAL INSTRUCTION 16,2, P21-2, FEB 1971

KRYSTAL, H.

\*\*\*

4923

POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS

PSYCHOSOMATICS 3, P188-92, MAY-JUNE 1962

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 7

AUTHOR INDEX

KUEBLER, WILLIAM P. \*\*\*

0597C

A MULTIPRT TELEPHONE CONFERENCE BRIDGE

IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 16,1, P168-72, FEB 1968

LAVOIE, FRANCIS J. \*\*\*

4644C

THE CLASSROOM COMES TO THE ENGINEER

MACHINE DESIGN 42,16, P117-21, JUNE 25, 1970

LAZO, N.

\*\*\*

0593C

CONFERENCE ARRANGEMENT FOR NORAD

LEWIS, PHILIP \*\*\*

0571

ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS  
NATION'S SCHOOLS 76,4, P52, OCT 1965

LEWIS, PHILIP \*\*\*

0447C

TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION  
NATION'S SCHOOLS 78,3, P114, SEPT 1966

LINDSEY, HENRY C. \*\*\* YEOMANS, G. ALLAN

4917C

TELELECTURES  
SPEECH TEACHER 18,1, P65-7, JAN 1969

LOOFBORO, PAUL M. \*\*\* DREYFUS, LEE S.

0680C

FIRST INTERCONTINENTAL TV CLASSROOM  
AMERICAN SCHOOL BOARD JOURNAL 151, P29+, SEPT 1965

MADDEN, CHARLES F. \*\*\*

0448

GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES  
TIMES (LONDON EDUCATIONAL SUPPLEMENT), P2557-79, OCT 9, 1964

MADDEN, CHARLES F. \*\*\* JOLLY, JOAN

4020A

AMPLIFIED TELEPHONE AS A TEACHING MEDIUM  
COLUMBIA, MISSOURI, STEPHENS COLLEGE REPORT NUMBER SC-EDUC-REP-1, MARCH 1965. 95P. ERIC ED 012  
620

MCCUBBIN, HAMILTON \*\*\* PARKER, LORNE A.

4712C

MCCUBBIN, HAMILTON \*\*\* PARKER, LORNE A. \* ZIMMERMAN, HARRY

4711C

PROGRAM EVALUATION CHECKLIST (PEC)

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1970. 4P

MCCUBBIN, HAMILTON \*\*\* ZIMMERMAN, HARRY \* PARKER, LORNE A.

4710C

ETN-SCA EVALUATION

PAGES 24-6 IN PARKER, LORNE A. ETN-SCA PROGRAM HANDBOOK. MADISON, UNIVERSITY OF WISCONSIN.  
UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. SEE 4709

MCCURDY, PAT \*\*\*

4608C

THE INNOVATIVE GROUP INNOVATES WITH TV

CHEMICAL AND ENGINEERING NEWS 48,7, P16-7, FEB 16, 1970

MCDIVITT, HELEN \*\*\*

0449C

TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS

CLEARING HOUSE 38,7, P446-8, MARCH 1964

MCKAY, GERALD R. \*\*\*

4692C

TELETEACHING, THE PARTY-LINE REVIVED

AUDIOVISUAL INSTRUCTION 16,5, P85-6, MAY 1971

MEANEY, JOHN W.	EDITOR *** NATIONAL CONFERENCE ON TELECOMMUNICATIONS POLICY IN EDUCATION, ATHENS, GEORGIA, DEC 4-6, 1968 * CARPENTER, C.R. EDITOR	4986A
	TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION	
	WASHINGTON, JOINT COUNCIL ON EDUCATIONAL TELECOMMUNICATIONS, 1970. ERIC ED 044 917	
MEYER, THOMAS C. ***		4064
	EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	
	JOURNAL OF MEDICAL EDUCATION 42,9, P874, SEPT 1967	
MEYER, THOMAS C. *** HANSEN, RICHARD H. * KELIHER, JERRY J.		4132C
	COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	
	JOURNAL OF MEDICAL EDUCATION 43,1, P73-7, JAN 1968	
MEYER, THOMAS C. *** HANSEN, RICHARD H. * KELIHER, JERRY J.		0554C
	TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL	
	MEDICAL AND BIOLOGICAL ILLUSTRATION 18, P18-23, JAN 1968	
MEYERS, E.A. (AND OTHERS) ***		0450
	BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY	
	JOURNAL OF CHEMICAL EDUCATION 44, P452-3, AUGUST 1967	
MITCHELL, D. ***		4627C
	BETTER VIDEO CONFERENCES	
	BELL LABORATORIES RECORD 48,1, P19-22, JAN 1970	
MITCHELL, DOREN ***		0598C
	GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS	
	IEEE TRANSACTIONS ON COMMUNICATIONS TECHNOLOGY 16,1, P163-7, FEB 1968	

MOCKER, DONALD W. \*\*\* BGSWELL, JOHN J. \* HAMLIN, WILLIAM C.  
TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING  
ADULT LEADERSHIP 16,9, P321-2+, MARCH 1968

0428C

MOLNAR, JULIUS P. \*\*\*  
PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING  
VOLTA REVIEW 72, P438-9, OCT 1970

4680C

MONAGHAN, JOHN R. \*\*\*  
FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY  
PUBLIC UTILITIES FORTNIGHTLY 82,12, P33-9, DEC 5, 1968

4669C

MONDELBAU, J.D. \*\*\*  
SIX EXPERIMENTAL TELELECTURES  
EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P32-3, MAY 1966

0451

MONTG, ELIZABETH A. \*\*\* PETERSON, BERNADINE H.  
GRADUATE TEACHING BY TELEPHONE AND RADIO  
JOURNAL OF HOME ECONOMICS 61,6, P443-7, JUNE 1969

0605C

MODERS, R. WAYNE \*\*\* CURETON, JAN W.  
HOMEBOUND-LESS  
AUDIOVISUAL INSTRUCTION 10, P708-9, NOV 1965

0566C

MOORE, J. MICHAEL \*\*\*  
TELECOMMUNICATIONS IN FL INSTRUCTION  
AUDIOVISUAL INSTRUCTION 10,8, P656, OCT 1965

0452C

MORRIS, ALBERT J. \*\*\*

4693C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

AUTHOR INDEX

PAGE 9

MORTON, BERRY E. \*\*\* BURNS, RICHARD L.

0453

TELELECTURE IN INDUSTRIAL EDUCATION

INDUSTRIAL ARTS AND VOCATIONAL EDUCATION 55,6, P40, JULY 1966

MOVICK, EUGENE \*\*\*

0572C

WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER

NATION'S SCHOOLS 78,4, P94, OCT 1966

MYERS, K.C. \*\*\*

4919

DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P26-7+, MAY 1966

MYERS, KENT C. \*\*\*

0549C

LEARNING BY TELEPHONE

CLEARING HOUSE 39, P475-8, APRIL 1965

NATIONAL CONFERENCE ON TELECOMMUNICATIONS POLICY IN EDUCATION, ATHENS, GEORGIA, DEC 4-6, 1968 \*\*\* CARPENTER, C.R.  
EDITOR \* MEANEY, JOHN W. EDITOR

4986A

TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION

- NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \*\*\*  
LONG-DISTANCE SEMINARS  
CAMBRIDGE, 1969. 6P 4008C
- NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \*\*\*  
UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT  
OXFORD, NEW YORK, PERGAMON PRESS, 1966. 92P 4929
- NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \*\*\* PERRATON, H.D. \* WADE, D.A. \* FOX, J.W. 4930
- NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \*\*\* PERRATON, H.D. \* WADE, D.A. \* FOX, J.W. 4930  
LINKING UNIVERSITIES BY TECHNOLOGY  
CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969. 83P
- NELSON, WILLIAM P. \*\*\* WOOLSEY, FRANK M., JR. 4048  
THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES  
NEW YORK STATE JOURNAL OF MEDICINE 58,20, P3322-5, OCT 15, 1958
- NELSON, WILLIAM P. (EDITOR) \*\*\* WOOLSEY, FRANK M., JR. (EDITOR) 4924C  
TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION  
NEW YORK STATE JOURNAL OF MEDICINE 58,23, P3831-8, DEC 1958
- NILES, ANNE G. \*\*\* 4512C  
DEFINITIVE DIALING - NURSING DIAL-ACCESS  
MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION, MARCH 1970. 61P. ERIC ED 045 880
- ORLICH, DONALD C. (EDITOR) \*\*\* HILEN, CHARLES O. (EDITOR) 4951C  
TELECOMMUNICATIONS FOR LEARNING



PAGE, WILLIAM G. \*\*\* SCHWEIKART, ROBERT B.

4135C

MEDICAL EDUCATION NETWORK

OHIO STATE MEDICAL JOURNAL 64, P38+, JAN 1968

PARKER, LORNE A. \*\*\*

4709C

ETN-SCA PROGRAM HANDBOOK

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. - 38P

PARKER, LORNE A. \*\*\*

4987C

SCA - A NEW MEDIUM

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION, 1969. 43P

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## AUTHOR INDEX

PAGE 10

PARKER, LORNE A. \*\*\*

4708C

## THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION

EDUCATIONAL BROADCASTING SYSTEM, INC. 1234 N. 1ST ST. ANN ARBOR, MI 48106

**MARKED.**

441C

4712C

PARKER, LORNE A.

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1970. 4P

4711C

PARKER, LORNE A. \*\*\* MCCUBBIN, HAMILTON \* ZIMMERMAN, HARRY

PROGRAM EVALUATION CHECKLIST (PEC)

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1970. 4P

4710C

PARKER, LORNE A. \*\*\* ZIMMERMAN, HARRY \* MCCUBBIN, HAMILTON

ETN-SCA EVALUATION

PAGES 24-6 IN PARKER, LORNE A. ETN-SCA PROGRAM HANDBOOK. MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. SEE 4709

0458C

PAUL, ALDRICH K. \*\*\*

NEW CONCEPT IN SHARING SPEECH PROFESSORS

SPEECH TEACHER 13/14, P27-9, JAN 1965

4065C

PAULSON, ROBERT L. \*\*\*

TEL-A-LECTURE TECHNIQUE

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 42,6, P316-7, JUNE 1963

4930

PERRATON, H.D. \*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \* MADE, D.A. \* FOX, J.W.

4930

PERRATON, H.D. \*\*\* NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT \* MADE, D.A. \* FOX, J.W.

LINKING UNIVERSITIES BY TECHNOLOGY

CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969. 83P

4507C

PETERSON, BERNADINE M. \*\*\*

ADULT EDUCATION BY MEANS OF TELEPHONE

PAPER PRESENTED AT THE ADULT EDUCATION RESEARCH CONFERENCE, MINNEAPOLIS, FEBRUARY 27-28, 1970. 7P.  
ERIC ED 036 758

PETERSON, BERNADINE H. \*\*\* MONTS, ELIZABETH A.

0605C

GRADUATE TEACHING BY TELEPHONE AND RADIO

JOURNAL OF HOME ECONOMICS 61,6, P443-7, JUNE 1969

PETTIT, JOSEPH M. \*\*\* GRACE, DONALD J.

4646C

THE STANFORD INSTRUCTIONAL TELEVISION NETWORK

IEEE SPECTRUM 7,5, P73-80, MAY 1970

PRICE, JOHN F. \*\*\* HAGENY, WILLIAM J. \* DAVIDSON, ROBERT C.

0565C

ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE

NEW YORK STATE EDUCATION 55, P14-5+, APRIL 1968

PUZZUOLI, DAVID A. \*\*\*

4716C

A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE

MORGANTOWN, WEST VIRGINIA UNIVERSITY, 1970. 73P. ERIC ED 042 961

QUINN, D. \*\*\*

0463

SIX WORKSHOPS RECEIVE KEY PRESENTATIONS VIA TELELECTURE

EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 45,5, P29+, MAY 1966

QUINN, STANLEY J. \*\*\* RICE, ED

4926C

TALKBACK AT UCONN

EDUCATIONAL TELEVISION 1,8, P11-4, JUNE 1969

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 11

AUTHOR INDEX

- ICE, ED      \*\*\* QUINN, STANLEY J.      4926C  
TALKBACK AT UCONN  
EDUCATIONAL TELEVISION 1,8, P11-4, JUNE 1969
- RICHARDSON, FRED M. (AND OTHERS) \*\*\*      4920C  
THE DELEWARE MEDICAL SEMINARS EXPERIMENT  
GENERAL PRACTITIONER 25,4, P165-73, APRIL 1962
- ROMENESKO, MERLIN A. \*\*\*      0464C  
HELLO GREAT AMERICAN  
WISCONSIN JOURNAL OF EDUCATION 98,1, P8, SEPT 1965
- RUBIN, HAROLD      \*\*\*      0547C  
TELEPHONE NETWORK COURSES  
EDUCATIONAL SCREEN AND AUDIOVISUAL GUIDE 43, P128-32+, MARCH 1964
- SCHATZ, SHARON      \*\*\*      4018A  
FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY  
WASHINGTON, LIBRARY OF CONGRESS. INFORMATION SYSTEMS OFFICE, 1967. 26P. ERIC ED 016 492
- SCHWARTZ, JAY W. \*\*\*      0481C  
TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES  
INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-110. IDA/HQ 64-2315,  
NOV 1963
- WEIKART, ROBERT B. \*\*\* PACE, WILLIAM G.      4135C  
MEDICAL EDUCATION NETWORK

SEMIENIUK, ALEXANDRA \*\*\* SNELLMAN, ADALINE \* STOFLET, DOROTHY

0466C

SEMIENIUK, ALEXANDRA \*\*\* SNELLMAN, ADALINE \* STOFLET, DOROTHY

0466C

TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS  
JOURNAL OF HOME ECONOMICS 58,1, P48-9, JAN 1966

SEYMOUR, MARJORIE H. \*\*\*

0568C

AUDIOVISUALS ENRICH ISOLATED SCHOOLS  
INSTRUCTOR 78,1, P154, AUGUST 1968

SHAW, JOHN H. \*\*\*

0589C

THE MEDICAL SCHOOL OF THE AIR  
MEDICAL JOURNAL OF AUSTRALIA 1, P869-71, JUNE 5, 1965

SINAIKO, H. WALLACE \*\*\*

0422C

PRELIMINARY EXPERIMENTS IN TELECONFERENCING  
PAGES 160-2 IN THE PROCEEDINGS OF THE NATIONAL SYMPOSIUM ON HUMAN FACTORS IN ELECTRONICS, 5TH, SAN  
DIEGO, CALIF., MAY 5-6, 1964. NORTH HOLLYWOOD, CALIF., WESTERN PERIODICALS CO., 1964. SEE  
0478-84

SINAIKO, H. WALLACE \*\*\*

0484A

TELECONFERENCING, PRELIMINARY EXPERIMENTS  
INSTITUTE FOR DEFENSE ANALYSIS. RESEARCH AND ENGINEERING. RESEARCH PAPER P-108. IDA/HQ 64-2313.  
NOV 1963

SMART, CHARLES R. \*\*\* STERNBERG, THOMAS H. \* CLINCO, ARTHUR A.

0501C

INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION  
JOURNAL OF MEDICAL EDUCATION 41, P977-81, OCT 1966

SMITH, MARJORIE \*\*\*

ANOTHER WAY FOR DOCTORS TO KEEP UP

MEDICAL ECONOMICS 43, P124-6, APRIL 4, 1966

4126A

SMITH, PATRICIA MARIE \*\*\*

EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS  
OHIO STATE UNIVERSITY, PH.D. DISSERTATION, 1969. 227P. ERIC ED 033 203

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 12

AUTHOR INDEX

SNELLMAN, ADALINE \*\*\* SEMENIUK, ALEXANDRA \* STOFLET, DOROTHY

0466C

TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS  
JOURNAL OF HOME ECONOMICS 58,1, P48-9, JAN 1966

SOULE, A. BRADLEY \*\*\* TAMPAS, JOHN P.

0512C

EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX  
JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 204,13, P1173-5, JUNE 24, 1968

STERNBERG, THOMAS H. \*\*\* SMART, CHARLES R. \* CLINCO, ARTHUR A.

0501C

INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION  
JOURNAL OF MEDICAL EDUCATION 41, P977-81, OCT 1966

STOFLET, DOROTHY \*\*\* SNELLMAN, ADALINE \* SEMENIUK, ALEXANDRA

0466C

TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS

STRAUSS, WILLIAM T. \*\*\* WOOLSEY, FRANK M., JR.

0602C

POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION  
JOURNAL OF THE MAINE MEDICAL ASSOCIATION 55, P172-3, SEPT 1964

TAMPAS, JOHN P. \*\*\* SOULE, A. BRADLEY

0512C

EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX  
JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 204,13, P1173-5, JUNE 24, 1968

TANGUAY, EDWARD J. \*\*\*

0468C

LAKESWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH  
NATION'S SCHOOLS 78,4, P90, OCT 1966

THE UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. HEALTH SCIENCES UNIT \*\*\*

4965B

TELECOMMUNICATIONS CONFERENCE

BROCHURE. CONFERENCE TO BE HELD OCTOBER 15-16, 1970, MADISON, WISCONSIN

TRENT, CURTIS \*\*\* BLACKWOOD, HELEN

0421C

A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL  
INFORMATION TO ADULTS

MANHATTEN, KANSAS STATE UNIVERSITY. UNIVERSITY EXTENSION SERVICE, 1968. 16P. (EXTENSION STUDY  
4). ERIC ED 028 324

TUCKER, THOMAS T. (AND OTHERS) \*\*\*

4022A

SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION

RENO, NEVADA UNIVERSITY. NEVADA WESTERN STATES SMALL SCHOOLS PROJECT. CARSON CITY, 1968. 14P.  
ERIC ED 025 360

CLASSROOM COMMUNICATION, TELELECTURE

AUDIOVISUAL INSTRUCTION 16,2, P21-2, FEB 1971

4000C

U.S. ARMY

\*\*\*

COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES

ARMY REGULATIONS NO. 105-40. WASHINGTON, HEADQUARTERS. DEPARTMENT OF THE ARMY, 1967

UNIVERSITY OF WISCONSIN. MEDICAL SCHOOL \*\*\* UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. HEALTH SCIENCES UNIT

4707C

THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES,  
PHARMACISTS AND ALLIED HEALTH PERSONNEL

MADISON, 1971. 10P

UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. HEALTH SCIENCES UNIT \*\*\* UNIVERSITY OF WISCONSIN. MEDICAL SCHOOL

4707C

THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES,  
PHARMACISTS AND ALLIED HEALTH PERSONNEL

MADISON, 1971. 10P

VICTOR COMPTOMETER CORPORATION \*\*\*

4054C

IOWA TEACHERS LEARN MATH VIA VERB

VICTOR COMPTOMETER CORPORATION. BROCHURE. RECEIVED JAN 1970

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 13

AUTHOR INDEX

VICTOR COMPTOMETER CORPORATION. BUSINESS MACHINES GROUP \*\*\*

4694C

VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB

CHICAGO, VICTOR COMPTOMETER CORPORATION, NO DATE



VOLK, JOHN	***	4745C
THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM		
RESTON, VIRGINIA, MITRE CORPORATION, MAY 1971. 18P. MITRE REPORT MTP-352		
WADE, D.A.	*** NATIONAL EXTENSION COLLEGE. INTER-UNIVERSITY RESEARCH UNIT * PERRATON, H.D. * FDX, J.W.	4930
LINKING UNIVERSITIES BY TECHNOLOGY		
CAMBRIDGE, NATIONAL EXTENSION COLLEGE, 1969. 83P		
WALLACE, NED	***	4922B
EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON		
MADISON, UNIVERSITY OF WISCONSIN, N.D. MIMED. 3P		
WETMORE, WARREN C.	***	0420C
BOEING NETWORK CUTS APOLLO WORK COSTS		
AVIATION WEEK AND SPACE TECHNOLOGY 90,6, P43-6, FEB 10, 1969		
WIEGAND, CATHERINE	***	4699C
PILOT STUDY		
CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968		
WILLIAMS, BILL	***	4698C
ART-HISTORY MAKES HISTORY		
CARBON COUNTY INSTRUCTIONAL CENTER 2,1, P2, JAN 31, 1968		
WILSON, FRED	***	0474C
WILSON, FRED	***	0474C
PICTUREPHONE AS A PHOTO TOOL		

WOODRUFF, GARY L. \*\*\*

4963B

THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS

PAGES 7-8 IN ORLICH, DONALD C. AND CHARLES O. HILER (EDITORS) TELECOMMUNICATIONS FOR LEARNING.  
EVERETT, WASHINGTON, GENERAL TELEPHONE COMPANY OF THE NORTHWEST AND WASHINGTON STATE  
UNIVERSITY, 1969

WOOLSEY, FRANK M., JR. \*\*\*

4049

TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION

JOURNAL OF MEDICAL EDUCATION 33,6, P474-82, JUNE 1958

WOOLSEY, FRANK M., JR. \*\*\*

4068

TWO-WAY RADIO AND ITS ADVANTAGES

ANNALS OF THE NEW YORK ACADEMY OF SCIENCE 142,2, P424-7, MARCH 31, 1967

WOOLSEY, FRANK M., JR. \*\*\*

4051C

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW  
METHOD OF PRESENTATION

CANADIAN MEDICAL ASSOCIATION JOURNAL 82, P717-9, APRIL 2, 1960

WOOLSEY, FRANK M., JR. \*\*\* NELSON, WILLIAM P.

4048.

THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES

NEW YORK STATE JOURNAL OF MEDICINE 58,20, P3322-5, OCT 15, 1958

WOOLSEY, FRANK M., JR. \*\*\* STRAUSS, WILLIAM T.

0602C

POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION

JOURNAL OF THE MAINE MEDICAL ASSOCIATION 55, P172-3, SEPT 1964

WOOLSEY, FRANK M., JR. (EDITOR) \*\*\* NELSON, WILLIAM P. (EDITOR)

4924C

TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION

NEW YORK STATE JOURNAL OF MEDICINE 58,23, P3831-8, DEC 1958

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 14

AUTHOR INDEX

YEOMANS, G. ALLAN \*\*\* LINDSEY, HENRY C.

4917C

TELELECTURES

SPEECH TEACHER 18,1, P65-7, JAN 1969

ZIMMERMAN, HARRY \*\*\*

4500C

EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING  
PAPER PRESENTED AT THE ADULT EDUCATION RESEARCH CONFERENCE, MINNEAPOLIS, FEBRUARY 27-28, 1970.  
11P. ERIC ED 036 763

ZIMMERMAN, HARRY \*\*\* MCCUBBIN, HAMILTON \* PARKER, LORNE A.

4710C

ETN-SCA EVALUATION

PAGES 24-6 IN PARKER, LORNE A. ETN-SCA PROGRAM HANDBOOK. MADISON, UNIVERSITY OF WISCONSIN.  
UNIVERSITY EXTENSION. DIVISION OF STAFF DEVELOPMENT, 1969. SEE 4709

ZIMMERMAN, HARRY \*\*\* PARKER, LORNE A. \* MCCUBBIN, HAMILTON

4711C

PROGRAM EVALUATION CHECKLIST (PEC)

MADISON, UNIVERSITY OF WISCONSIN. UNIVERSITY EXTENSION. EDUCATIONAL COMMUNICATIONS, 1970. 4P

TAPE MARK

1

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 1

ABSENTEE	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
ACE	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
ACTIVE	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
ADULT	*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
ADULTS	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
ADULT-ED	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C

	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
	COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	
ADVANTAGES	*** TWO-WAY RADIO AND ITS ADVANTAGES	4068
AD-HOC-CONFERENCES	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
AEROSPACE	*** AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL	4061
AGRICULTURE	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
AIR	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
ALBANY	*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
ALBANY-MEDICAL-COLLEGE	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C

	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
ALBANY-REGIONAL-MEDICAL-PROGRAM	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
ALLIED	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 2

ALLIED	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
ALTERNATIVE	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A
ALVORD-SCHOOL-DISTRICT	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
AMATEUR	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
AMERICAN	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
AMERICAN-HISTORY	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
AMERICAN-INSTITUTIONS	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED	0424C

AMERICAN-LITERATURE	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
AMPLIFIED	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
ANTIGO	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
APOLLO	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HUC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
APPALACHIA	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START	0569C
	WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START	
	APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
APPALACHIA-EDUCATIONAL-LAB	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
APPLICATION	*** RELAYS FOR EVERY APPLICATION SHOWN	4030
APPROACH	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
ARRANGEMENT	*** CONFERENCE ARRANGEMENT FOR NORAD // NETWORKS MILITARY-USE	0593C
ART	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A

	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
ARTICULATED-INSTRUCTION	*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
ART-HISTORY	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
ASSESS	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
ASSISTANCE	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
AT-T	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
	*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GI-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
AUDIO	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A



AUDIO	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK	4972C
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
AUDIOVISUALS	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
AUDIOVISUAL-LIBRARY	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
AUDIO-VISUAL-ED-ASSOC-OF-IOWA	*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C
AUSTRALIA	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
AUTHORIZATION	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
AUTOMATIC-SWITCHING	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
AUTOVON	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
A-V	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
BACKGROUND	*** TELECONFERENCING, BACKGROUND INFORMATION	0478C
BAGGS	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
BARRY-COUNTY	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
BASE	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
BELL	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
	*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C

	*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
BELL-LABS	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
BELL-TELEPAK-A	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
BIBLIOGRAPHY	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY	4018A
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
BIG-FOOT-HIGH-SCHOOL	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
BIOLOGY	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
BIOMEDICAL-INFORMATION-NETWORKS	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A
BLACKBOARD	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD) *** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4921B 4694C
BLACKBOARD-BY-WIRE	*** BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY *** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	0450 4063C
BLOCK-ISLAND	*** BLOCK-ISLAND (A PACE PROJECT)	0427
BLOOMINGTON	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
BOEING	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PERMUTED INDEX

PAGE 4

BOSTON	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
BOTANY	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
BRIDGE	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
BROOKLYN	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
BUFFALO	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
BURLINGTON	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
BUSINESS	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C
	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
BUTLER-UNIV	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A

CABLE	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
CAI	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY	4628C
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
CALIFORNIA	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
	SECONDARY-ED DIAL-ACCESS TITLE-III	
	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACF COST FCC	4646C
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
	*** MEET THE SPOKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C

CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE *** MEDICAL RADIO CONFERENCES	// SAN-FRANCISCO	4123C
CALIFORNIA UNIV SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF- INFORMATION		
CALLS	*** CONFERENCE CALLS BECOME FUN // NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESESSION-CO	4648C
CAMBRIDGE-UNIV	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
CAMPUS	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
CAMPUSES	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
CAPACITY	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C
CARBONDALE	*** SIX PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 5

CARBON-COUNTY	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
CATE	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
CATV	*** MEDICAL EDUCATION NETWORK // OHIO OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C

	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
CATV-TWO-WAY	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
CCCIC	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
	*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
CCTV	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C

	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERRING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-ING	4608C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY AGE COST FCC	4646C
	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
CEDAR-FALLS	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
CENTER	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
	*** CARRON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
CENTERS	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK RUSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
CENTRAL	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C

CHAIRMANSHIP-ROLE	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
CHANGES	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
CHECKLIST	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
CHEMISTRY	*** BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY	0450
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
CHEYENNE	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
CHICAGO	*** PICTUREPHONE AS A PHOTO TOOL // NEW-YORK-CITY CHICAGO	0474C
	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
CHILDREN	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
CINCINNATI-UNIV	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
CIRCUITS	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
CIRM	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
CITIES	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM	4140C



CLASS	*** PROFESSOR STEVENS, THE CLASS IS READY	4974C
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
CLASSES	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
CLASSICS	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
CLASSROOM	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
	*** CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST	0424C
CLASSROOMS	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
CLEVELAND	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
CLOSED-CIRCUIT	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C

CLOTHING	*** TELEFECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
CMT	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 7

COAXIAL-CABLE	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
	*** XEROX-OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LDX COAXIAL-CABLE	0580C
	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
COLLEGE	*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
COLORADO	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
COLUMBIA	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A

	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
COLUMBIA-UNIV	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
COLUMBUS	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED	4116A
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
COMBINING	*** POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS	4923
COMMERCIAL	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
COMMON-CARRIERS	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
COMMUNICATING	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
COMMUNICATION	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C
	*** COMMUNICATION MEDIA, PROPERTIES AND USES	4934C

COMMUNICATIONS	*** THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS	49638
	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS	0571
	*** COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES	4000C
COMMUNICATION-SKILLS	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
COMMUNITY	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
COMPANIES	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 8

COMPARISON	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
COMPETITION	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C

COMPLEX	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VER UNI-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
COMPUTER	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS	0574C
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
COMPUTER-SCIENCE	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRAUQUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
COMPUTER-TELEPHONE-LINK	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY	4628C
COMSAT	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
CONCEPT	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
	HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	
CONFER	*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-1	0572C
CONFEREES	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C

CONFERENCE	*** TELECOMMUNICATIONS CONFERENCE	4965B
	*** CONFERENCE ARRANGEMENT FOR NORAD // NETWORKS MILITARY-USE	0593C
	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
	*** CONFERENCE CALLS BECOME FUN // NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESESSION-CO	4648C
	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVOX	0598C
CONFERENCES	*** COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES	4000C
	*** THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES	4048
	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927
	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
	*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
	*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 9

## PERMUTED INDEX

CONFERENCES	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UM ROLL-CALL EVALUATION-SUBJECTIVE	0552C
CONFERENCING	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
CONFERENCING-ENVIRONMENT	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
CONFRAPHONE	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
CONNECT	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C
CONNECTICUT	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
CONSERVATION	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
CONSIDERATIONS	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
CONSULTATION	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
CONSULTATIONS	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
CONTEMPORARY-LITERATURE	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
CONTINENTAL-TELEPHONE-CO	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
CONTINUING	*** CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE	4985

*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
PHARMACEUTICALS TV	
*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
CONTINUING-ED *** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C



*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 10

CONTINUING-ED	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASCO-LINES TAPE-RECORD	4136C
	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C

	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
CONTROL	*** AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL	4061
COOPERATIVE	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
COORDINATED	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
COORDINATOR	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
CORNELL	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
CORPORATION	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CALL DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
CORRESPONDENCE-ED	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC PENNSYLVANIA	4029C
COST	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A

*** CLASSROOM COMMUNICATION, TELELECTURE // DUVERE NEW-JERSEY DUVERE-PUBLIC SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	
*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST	0424C
*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126A
*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECUPIER MAGNAVOX-CO COST	0437C
*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 11

## PERMUTED INDEX

### COST

*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
--	-------

*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
*** SIU PROFS TEACH BY TELEWRITER // HARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UNIV HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST	0467C

INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST

*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A
*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C
*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
COSTS *** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LOX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
COURSE *** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 12

## PERMUTED INDEX

COURSE	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
COURSES	*** TELEPHONE NETWORK COURSES	0547C
	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
COURSE-ENRICHMENT	*** MEET THE SPOKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C
	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS CUST	0424C
	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C

	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
	*** CLASSROOM COMMUNICATION, TELELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY	0445C
	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
	*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
COURTROOM-PROCEEDINGS	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
CPB	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
CREDIT	*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
CREDIT-COURSES	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
CREIGHTON-UNIV	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C

CROSSTALK	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
CROSS-CULTURAL-ED	*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	4141C
CROSS-CULTURAL-EXCHANGE	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
CROSS-CULTURAL-TELECONF	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
CUBA	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 13

## PERMUTED INDEX

CULTURAL	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
CURRENT	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C
CURRENT-AWARENESS	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A



CURRENT-EVENTS	*** AMPLIFIED TELEPHONE AS A TEACHING METHOD // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
CURRICULUM-ENRICHMENT	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C
	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES PENNSYLVANIA	4062C

	*** TFL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
DATAPHONE	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
DATA-PHONE	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
DATA-PLEX-SYSTEM	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
DATA-TRANSMISSION	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
DAVI	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
DAYTON	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
DEFECTOR	*** DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS	4919

DEFINITION-TELECONF	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
DELAWARE-VALLEY	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
DELAY	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
DELEWARE	*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
DESCRIPTION-TELELECTURE	*** TELELECTURE // DESCRIPTION-TELELECTURE	4067C
	*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
DESIGN	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
DESIGNER	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
DEVELOPED	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
DEVELOPMENT	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
DEVELOPMENTS	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
DEW-LINE	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
DIAL	*** DIAL F FOR FUTURE // TELEPHONE-EQUIPMENT	0435C

	*** DIAL O FOR OPERATOR // PRESCHOOL-ED	0570C
DIALING	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
DIALOGUE	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
DIAL-ACCESS	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY	4628C
	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A
	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
DIAL-ACCESS-LIBRARY	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
DIAL-ACCESS-TV	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
DIAL-A-LECTURE	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C

DISSEMINATION-OF-INFORMATION \*\*\* MEDICAL RADIO CONFERENCES // SAN-FRANCISCO 4123C  
 CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER  
 DISSEMINATION-OF-INFORMATION

DISTRICTS \*\*\* WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT 0572C  
 INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 15

PERMUTED INDEX

DIVISION \*\*\* TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK 0596C  
 INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS

DOCTORS \*\*\* HOW DOCTORS KEEP UP 0591C  
 \*\*\* ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS 4136C  
 CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD

DOVER \*\*\* CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS 4686C  
 SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION  
 LEARNING-CENTER COST

DOVER-PUBLIC-SCHOOLS \*\*\* CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS 4686C  
 SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION  
 LEARNING-CENTER COST

DOWNEY \*\*\* SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED 4130A  
 SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER

DRUGS \*\*\* DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS 0434C  
 DIAL-ACCESS MEDICINE PHARMACEUTICALS

EAR \*\*\* PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR 4016C  
 INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT  
 COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK

EARLY-BIRD \*\*\* FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS 0680C  
 FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST  
 WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE

EARN \*\*\* TEACHERS EARN GRADUATE CREDIT VIA VCRB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED 4700C  
 PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER

ECHO	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
ECUADOR	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA	4139C
	INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	
EDINBURGH-UNIV	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
EDITORS	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
EDUCASTING-SYSTEMS-INC	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
EDUCATION	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** TELELECTURE IN INDUSTRIAL EDUCATION	0453
	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
	*** TWO-WAY RADIO IN MEDICAL EDUCATION	4052
	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
	*** CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE	4985

*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UNIV GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 16

## EDUCATION

*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
*** MEDICAL EDUCATION NETWORK // OMEG OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C

## EDUCATIONAL

*** OHIO MEDICAL EDUCATION NETWORK 1969-1970	// OHEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA	4047C
CONTINUING-ED MEDICAL-ED FM-RADIO TV		
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	// NEW-YORK	4924C
ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF		
*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING		4132C
EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL		
*** SPECIAL EDUCATION SERVICE CENTER	// DOWNEY CALIFORNIA	4130A
SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER		
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE,		4927
1955-1966		
*** TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY		0592C
*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO	// HARRISON NEW-YORK	4016C
INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT		
COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK		
*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS		4128A
AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION		
LEARNING-CENTER PROGRAMED-INSTRUCTION		
*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING		4520A
EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE		
UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //		
INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST		
*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL		4514C
INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //		
INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER		
*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING		0421C
EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP		
EVALUATION-PRE-AND-POST-TESTING		
*** RADIO LISTENING EDUCATIONAL STYLE	// CORRESPONDENCE-ED HOME-STUDY	4029C
PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA		
PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA		
*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS	// SAN-FRANCISCO SAN-DIEGO CALIFORNIA	0443C
DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE		
*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING		4500C
// WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL		
*** THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS		0574C



	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM	4140C
EDUCATION-ADMINISTRATION	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
EDUCATION-INC	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
EDUCATION-LAW	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
EKG	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EKG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
EEN	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
EFFECTIVE	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
EFFECTIVENESS	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 17

## PERMUTED INDEX

EFFECTIVENESS	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
EKG	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
EKG-VIA-SATELLITE	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
ELECTROCARDIOGRAPH	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
ELECTRONIC	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
ELECTROWRITER	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C

*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C

*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS	// SAN-FRANCISCO SAN-DIEGO CALIFORNIA	0443C
DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE		
*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE'	//	4110A
NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION		
*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION	// HISTORY-TELECONF COST ELECTROWRITER	0447C
FACSIMILE SLOW-SCAN-TV		

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 18

ELECTROWRITER	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE'	// KENTUCKY NEW-YORK TENNESSEE	4063C
	MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY		
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS	// MISSOURI STEPHENS-COLLEGE MICHIGAN	0550C
	WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY		
	*** TEACHING BY TELEPHONE	// TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT	4931C
	UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN		
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB	// CONTINUING-ED INSERVICE-ED	4694C
	CURRICULUM-ENRICHMENT COURSE-ENRICHMENT		
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS	// STANFORD-UNIV CONTINUING-ED	4693C
	INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC		
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS	// ANTIGO MERRILL RUTHSCHILD-SCHOFIELD WAUSAU	0442C
	STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III		
	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF	// ANTIGO MOSINEE	4002C
	RUTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III		

	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV GATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
ELECTRO-WRITER	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
ELEMENTARY	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
EMERGENCY-CONSULTATION	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
	*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR W43FXJ	4141C
ENCAMPMENT	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
ENCODED	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORDING UNIT	0501C

ENGINEER	*** THE CLASSROOM COMES TO THE ENGINEER // ACC INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOESTIC COST 2686-2690-MHZ	4644C
ENGINEERING	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACC COST FCC	4646C
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
ENGINEERS	*** AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL	4061

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 19

ENGLAND	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV LIVERPOOL-UNIVERSITY RESEARCH UNIT NATIONAL EXTENSION COLLEGE	4008C

ENGLISH-LANGUAGE	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROISWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
ENRICH	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
ESTABLISHING	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KECNE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
ETN	*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
ETN-SCA	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
	*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C

	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
ETV	*** ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS	0571
EVALUATING	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
EVALUATION	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A



TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 20

PERMUTED INDEX

EVALUATION	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
	*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
EVALUATION-ATTENDANCE-RECORD	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** MEDIC, A COOPFRATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
EVALUATION-CHECKLIST	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
EVALUATION-CONTROL-GROUP	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C

*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	//	4126A
*** ADULT EDUCATION BY MEANS OF TELEPHONE CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	// WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED	4507C
*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST		4504C
EVALUATION-PRE-AND-POST-TESTING · EVALUATION-OTIS-EMPLOYMENT-TEST COST		
*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING		0421C
EVALUATION-COURSE-SUCCESS *** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	// ILLINOIS-UNIV UNIVEX EXTENSION	4506C
*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	// NEW-PALTZ NEW-YORK	0565C
EVALUATION-DELAYED-POST-TESTING *** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	// WISCONSIN-UNIV	0554C
EVALUATION-FORMAL *** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL		4500C
EVALUATION-F-RATIO *** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	// WEST-VIRGINIA-UNIV	4716C
EVALUATION-MANN-WHITNEY-U-TEST *** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	//	4716C
EVALUATION-OTIS-EMPLOYMENT-TEST *** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST		4504C
EVALUATION-PRE-AND-POST-TESTING *** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING		0421C

TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP  
EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST

\*\*\* TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED 0554C  
MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING  
EVALUATION-DELAYED-POST-TESTING

\*\*\* TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED 0428C  
EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING  
EVALUATION-CONTROL-GROUP

\*\*\* THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED 4920C  
MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO

EVALUATION-QUESTIONNAIRE \*\*\* LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO 0468C  
SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION  
EVALUATION-QUESTIONNAIRE

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 21

## PERMUTED INDEX

\*\*\* LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV 4008C  
SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE  
INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE  
ELECTROWRITER COST

\*\*\* NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED 4142C  
EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM

\*\*\* THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT 4505A  
SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST  
MOUNTAIN-STATES-TELEPHONE-CO

\*\*\* DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UN CONTINUING-ED 4512C  
DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM

\*\*\* INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU 0442C  
STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED  
EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III

*** PROGRAM EVALUATION CHECKLIST (PEC)      // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES      // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF      // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE      // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION      // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
*** TEL-LECTURE      // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
*** PARTY-LINE FOR NURSES      // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
EVALUATION-STUDENT-REACTION *** CLASSROOM COMMUNICATION, TELECTURE      // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
EVALUATION-SUBJECTIVE *** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES      // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	
*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
*** ART BY TELEPHONE      // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION      // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
EVALUATION-T-TEST *** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE      // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE	4716C

EWC	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
EXAMINATION	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
EXPERIENCE	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES	4048
	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927
EXPERIENCES	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
EXPERIMENT	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** TELFECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C

EXPERIMENT	*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
EXPERIMENTAL	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
	*** SIX EXPERIMENTAL TELELECTURES	0451
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
EXPERIMENTATION	*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126A
EXPERIMENTS	*** TELECONFERENCING, PRELIMINARY EXPERIMENTS	0484A
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
EXPERTS	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
EXTENSION	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A

LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS

	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
EXTENSION-UW	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
	*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CD	0544C
	*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 23

PERMUTED INDEX

EXTRAMURAL	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
EYE-TO-EYE	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
FACE-TO-FACE	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
FACILITIES	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C
FACSIMILE	*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECOPIER MAGNAVOX-CO COST	0437C
	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LUX BIBLIOGRAPHY	4018A
FACSIMILES	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LUX COAXIAL-CABLE	0580C
FACTOR	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
FACTORS	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
FCC	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C



	DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION //	4708C
	WISCONSIN-UNIV EXTENSION-LW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING	
	MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	
	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC	4669C
	PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM	
	WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP	
	COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	
	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING	4941C
	WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	
FEASIBILITY	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING	4520A
	EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE	
	UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL	4514C
	INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	
	INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	
	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL	4504C
	TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP	
	EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	
	*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS //	4126A
	TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS	4015A
	A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC	
	EVALUATION BIBLIOGRAPHY	
FIELD	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
FIELDTRIP	*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED	0566C
	VISUAL-AIDS FIELDTRIP	
	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
FIRSTHAND	*** DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS	4919
FLUOROSCOPIC-TRANSMISSION	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX //	0512C
	VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE	
	FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	
FM	*** POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS	4923
FM-RADIO	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED	4609C
	ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	

*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 24

## PERMUTED INDEX

FM-RADIO	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-EL CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE	4646C

FORD-FOUNDATION	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
FOREIGN-ATTACHMENTS	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
FOREIGN-RELATIONS	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
FORT-WAYNE	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
FOUR-WIRE	*** A MULTIPORT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
FRANCE	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
	WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	
FRENCH	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
FRENCH-LANGUAGE	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C

FRESNO	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
FUNDED	*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
FUTURE	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
	*** DIAL F FOR FUTURE // TELEPHONE-EQUIPMENT	0435C
GE	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C
GENERAL	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
GENERAL-TELEPHONE-CO	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
GENERAL-TELEPHONE-CO-OF-KENTUCKY	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
GENESYS-SYSTEMS-INC	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
GEORGETOWN	*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	4141C
	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C

## PERMUTED INDEX

GEORGETOWN-UNIV \*\*\* GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED 4141C  
 CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ  
  
 \*\*\* GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV 4139C  
 INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA  
 SCOTLAND MEXICO RADIO-AMATEUR  
  
 GEORGE-WASHINGTON-UNIV \*\*\* DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV 0434C  
 CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS  
  
 GERMAN-LANGUAGE \*\*\* TELECOMMUNICATIONS IN FB INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY 0452C  
 INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS  
  
 GLEN-COVE \*\*\* THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK 4608C  
 CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC  
  
 GP \*\*\* HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS 4721C  
 EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE  
  
 GRADUATE \*\*\* OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV 4114A  
 WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV  
  
 \*\*\* TEACHERS EARN GRADUATE CREDIT VIA VERR // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED 4700C  
 PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER  
  
 \*\*\* DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE 4933  
 PARTICIPATION CONFERENCES. FINAL REPORT  
  
 \*\*\* BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY 0450  
  
 \*\*\* GRADUATE INSTRUCTION VIA TELEPHONE 4949C  
  
 \*\*\* AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL 4061  
  
 \*\*\* GRADUATE TEACHING BY TELEPHONE AND RADIO 0605C  
  
 \*\*\* OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK 4972C  
  
 \*\*\* TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV 4973C  
  
 GRADUATE-ED \*\*\* TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET 4986A  
 PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED  
 CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE  
  
 \*\*\* THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY 4646C  
 GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE  
 HOME-STUDY AGE COST FCC

	*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UNIV GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
	*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
GROUP	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
GT-E	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
GUIDELINES	*** TELECONFERENCING, GUIDELINES FOR RESEARCH	0479C
HAM	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
HAMMOND	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BIRMINGHAM MICHIGAN-CITY <u>INDIANA-UNIV PURDUE-UNIV</u> INTERUNIVERSITY-COOPERATION TV	4113A

HANDBOOK	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UNW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
HANNA	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 26

## PERMUTED INDEX

HARRISON	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
HARRISON-HOUSE	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
HARVARD	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
HAVANA-UNIV	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
HEAD-START	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
HEALTH	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C

	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
HEART	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
HEARTLINE	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
HIGHER-ED	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UNIV HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE	0565C



EVALUATION-COURSE-SUCCESS NEW-YORK TELEPHONE CO

\*\*\* TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET 4986A  
 PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED  
 CONTINUING-ED, ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE

\*\*\* VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN 0550C  
 WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY

\*\*\* TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED 4915C  
 INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO  
 GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF

\*\*\* TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED 4917C  
 INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER

\*\*\* LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV 0430C  
 HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION

\*\*\* DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED 4116A  
 LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY

\*\*\* UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED 4112A  
 LEARNING-CENTER COMPUTER COST HOME-STUDY

\*\*\* LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE 4063C  
 MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV  
 COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY

\*\*\* A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV 4716C  
 HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS  
 EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE  
 EVALUATION-CONTROL-GROUP

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 27

## PERMUTED INDEX

HIGHER-ED \*\*\* ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE 0545C  
 LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV

\*\*\* THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE 0564C  
 HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION

	*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
HIGH-SCHOOL	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
HISTORY	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
HISTORY-TELECONF	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
	*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
HOLMDEL	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
HOMEBOUND-CHILDREN	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** CLASSROOM COMMUNICATION, TELELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
	*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTRIP	0566C
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C

	CATV-TWO-WAY	TELECABLE-INC	VICOM-MANUFACTURING	
HOMEBOUND-LESS	*** HOMEBOUND-LESS	// WATERLOO IOWA	HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED	0566C
	VISUAL-AIDS	FIELDTRIP		
HOMES	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS	// PENNSYLVANIA		4942C
	LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA			
HOME-ECONOMICS	*** ADULT EDUCATION BY MEANS OF TELEPHONE	// WISCONSIN-UNIV	EXTENSION-UW GRADUATE-ED	4507C
	CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION			
	*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS	//		4126A
	TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST			
	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS	//		0466C
	SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING			
	VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD			
HOME-STUDY	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM	// COLUMBUS OHIO-STATE-UNIV	HIGHER-ED	4116A
	LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY			
	*** TEACHING BY TELEPHONE	// NEW-YORK-CITY ILLINOIS	PRIMARY-ED SECONDARY-ED MATHEMATICS	4628C
	DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY			
	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION	//		4708C
	WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING			
	MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY			
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM	// COLUMBUS OHIO-STATE-UNIV	HIGHER-ED	4112A
	LEARNING-CENTER COMPUTER COST HOME-STUDY			
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS	// MISSOURI STEPHENS-COLLEGE MICHIGAN		0550C
	WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY			
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK	// CALIFORNIA INDUSTRY-UNIVERSITY		4646C
	GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE			
	HOME-STUDY ACE COST FCC			
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM	//		4745C
	CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS			
	CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO			
	*** RADIO LISTENING EDUCATIONAL STYLE	// CORRESPONDENCE-ED HOME-STUDY	PROGRAMED-INSTRUCTION	4029C
	PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA			
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION	// CPB JCET		4986A
	PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED			
	CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE			
HOOKUP	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP	// CALIFORNIA SACRAMENTO-STATE-UNIV		4649C
	IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM			
	*** GE'S HOOKUP FOR BUSINESS CONFEREES	// CCTV LEASED-LINES SHERATON-HOTELS		4600C
	MANAGEMENT-TELEVISION-SYSTEMS-INC			

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 28

## PERMUTED INDEX

HOOKUPS	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C
HOOK-UP	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
HOSPITAL	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
HOSPITALS	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
HUMAN	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
HUMAN-FACTORS	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
IBM	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
IDAHO	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A

ILLINOIS	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 403D-MULTIPLE-DATA-SET HOME-STUDY	4628C
	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
ILLINOIS-UNIV	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
INCORPORATING	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
INDEPENDENT-STUDY	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
INDIANAPOLIS	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
INDIANA-PHARMACEUTICAL-ASSOC	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
INDIANA-UNIV	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A

\*\*\* THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE 4002C  
 ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED  
 EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III

INDIVIDUAL-INSTRUCTION \*\*\* LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO 0468C  
 SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION  
 EVALUATION-QUESTIONNAIRE

\*\*\* EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE 4618C  
 TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION  
 INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM

INDUSTRIAL \*\*\* TELELECTURE IN INDUSTRIAL EDUCATION 0453

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 29

## PERMUTED INDEX

INDUSTRY \*\*\* FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC 4669C  
 PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM  
 WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP  
 COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE

\*\*\* BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LOX BELL-TELEPAK-A THERMOFAX 0420C  
 REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES

\*\*\* UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED 4693C  
 INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE  
 GENESYS-SYSTEMS-INC

INDUSTRY-UNIVERSITY \*\*\* TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING 4931C  
 COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING  
 ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN

\*\*\* UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED 4693C  
 INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE  
 GENESYS-SYSTEMS-INC

	*** EVALUATION REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
INFERENCE	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
INFORMATION	*** TELECONFERENCING, BACKGROUND INFORMATION	0478C
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE	4520A
	EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A
	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
INITIAL	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
INNOVATION	*** TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY	0592C
INNOVATIONS	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C

INNOVATIVE	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
INSERVICE	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
INSERVICE-ED	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
	*** CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C



INSERVICE-ED	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UNW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	
	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS.	4695C
	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
	*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
INSTALLATIONS	*** ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS	0571
INSTRUCTION	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	*** BLACKBOARD-BY-WIRE AND GRADUATE INSTRUCTION IN CHEMISTRY	0450
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C

	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
	*** GRADUATE INSTRUCTION VIA TELEPHONE	4949C
	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
INSTRUCTIONAL	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION, AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
INSTRUCTIONAL-MATERIALS-CENTER	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
INTELLIGIBILITY	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
INTERACTIVE	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
INTERACTIVE-FM-RADIO	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
INTERACTIVE-TELEVISION	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
INTERCOM	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM	4140C
INTERCOMMUNICATION	*** UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT	4929
INTERCONTINENTAL	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
INTERINSTITUTIONAL-INSTRUCTION	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
	*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 31

PERMUTED INDEX

- INTERMOUNTAIN \*\*\* INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING 4910C  
MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER  
REMOTE-PATIENT-MONITORING
- INTERNATIONAL \*\*\* GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED 4141C  
CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ
- INTERNATIONAL-DATA-TRANSMISSION \*\*\* HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // 4925C  
NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE  
RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION
- INTERNATIONAL-EDUCATIONAL-NETWORK \*\*\* PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHQ 4016C  
ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT  
COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK
- INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY \*\*\* GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS 4139C  
// GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION  
ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR
- INTERNATIONAL-TELECONF \*\*\* PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHQ ECUADOR 4016C  
INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT  
COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK
- \*\*\* TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK 0449C  
SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY  
CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS  
ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO
- \*\*\* TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS 0482C  
PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE
- \*\*\* TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION 0480C  
TRANSLATION CROSS-CULTURAL-TELECONF
- \*\*\* TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF 0481C

*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C
*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
INTERPRETATION *** TELFCONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
INTERUNIVERSITY-COOPERATION *** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK	0430C
INTERUNIVERSITY-COOPERATION *** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK	0430C
COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	
*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C-
*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A

INTERVIEW	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
INTER-INSTITUTIONAL	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
INTER-UNIVERSITY-RESEARCH-UNIT	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
IN-SERVICE	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 32

## PERMUTED INDEX

IN-SERVICE	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCILLO-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCILLO-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
IOWA	*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTRIP	0566C

	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C
	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
	*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
IOWA-STATE-UNIV	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
IOWA-UNIV	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
IRMP	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
ISOLATED	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
ITFS	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C

THE STATED CONTINUING-ED ENGINEERING LIFE 2000-2090-442 FR-RADIO 4-442 CCTV VIDEOTAPE  
GRADUATE-ED HOME-STUDY ACF COST FCC

ITT-WORLDCOM	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
JCET	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
JOHNSTOWN	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
JOURNALISM	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
KANSAS	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
KANSAS-UNIV	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
KCET	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
KEENE-STATE-COLLEGE	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
KENTUCKY	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C

## PERMUTED INDEX

KENTUCKY	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
KPFA-FM	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
KQUE-FM	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
KYQR-FM	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
LACROSSE-STATE-COLLEGE	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
LACROSSE-TELEPHONE-CO	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
LAFAYETTE	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
LAKEWOOD	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
LAND-GRANT	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
LAND-LINE-SYSTEM	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C



LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE

LANGUAGE	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
LARAMIE	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
LATIN-AMERICA	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
LDX	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C
	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AO-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY	4018A
	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LDX COAXIAL-CABLE	0580C
LEARN	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
LEARNING	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
	*** LEARNING BY TELEPHONE	0549C
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A

*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM	// COLUMBUS OHIO-STATE-UNIV HIGHER-ED	4112A
LEARNING-CENTER COMPUTER COST HOME-STUDY		
*** NEW TELEPHONE LEARNING TECHNIQUES	// NEWFOUNDLAND-CITY NEW-JERSEY	0445C
WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT		
NEW-JERSEY-BELL-TELEPHONE-CO		
*** TELECOMMUNICATIONS FOR LEARNING	// TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
LEARNING-CENTER *** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM	// COLUMBUS OHIO-STATE-UNIV HIGHER-ED	4116A
LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY		

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 34

PERMUTED INDEX

*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM	// COLUMBUS OHIO-STATE-UNIV HIGHER-ED	4112A
LEARNING-CENTER COMPUTER COST HOME-STUDY		
*** CLASSROOM COMMUNICATION, TELECTURE	// DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS	4686C
SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION		
LEARNING-CENTER COST		
*** MEDICAL RADIO CONFERENCES	// SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED	4123C
POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION		
*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM	// IRMP UTAH IDAHO COLORADO NEVADA WYOMING	4910C
MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER		
REMOTE-PATIENT-MONITORING		
*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS	// CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER	0568C
MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB		
*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER	// WYOMING CCCIC REGIONAL-CENTER	4129A
LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION		
TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY		
*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS		4128A
AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION		
LEARNING-CENTER PROGRAMED-INSTRUCTION		
LEASED-LINES *** BOEING NETWORK CUTS APOLLO WORK COSTS	// INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX	0420C
REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES		

	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C
	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
LECTURE	*** GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES	0448
LECTURES	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
	*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C

	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
LEE-HOSPITAL	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
LEGAL-ASPECTS	*** BOFING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HQC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
LEGAL-STUDIES	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
LESSONS	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
LIBRARIES	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY	4018A
LIBRARY-ACCESS	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
LIBRARY-SCIENCE	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE //, ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
LINE	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
LINES	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C

LINES	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
LINK	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK	4972C
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
LINKED	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM	4140C
LINKING	*** LINKING UNIVERSITIES BY TECHNOLOGY	4930
LINKS	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	4520A
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	4514C
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	
	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
LISTENING	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
LITERATURE	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
LOCKHEED	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LOX	4670C
LONDON	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C

LONG-DISTANCE	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK/ COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
LOOK	*** TELEFCTURE, A NEW LOOK	0585C
LOS-ANGELES	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
LOUDSPEAKER-CONFERENCE-SYSTEM	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
MADISON	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
MAGNAVOX-CO	*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECOPIER MAGNAVOX-CO COST	0437C
	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LOX COAXIAL-CABLE	0580C
MAILED-MATERIALS	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 36

PERMUTED INDEX

- \*\*\* ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH 4715C  
SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV  
EVALUATION-SUBJECTIVE TITLE-III
- \*\*\* TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // 0466C  
SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING  
VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD
- \*\*\* THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV 0589C  
SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY  
LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE
- \*\*\* TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED 4115A  
LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS
- MAINE \*\*\* POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND 0602C  
TELEVISION
- MALCOLM-PRICE-LAB-SCHOOL \*\*\* TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL 4065C  
AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST
- MANAGEMENT-TELEVISION-SYSTEMS-INC \*\*\* GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES 4600C  
SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC
- MANCHESTER-UNIV \*\*\* LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV 4008C  
SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE  
INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE  
ELECTROWRITER COST
- MARYLAND \*\*\* MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED 4131C  
MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS  
MAILED-MATERIALS COST TAPE-RECORD
- MASSACHUSETTS \*\*\* PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS 4137C  
ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO
- \*\*\* TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A 4051C  
NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT  
NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS  
VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST
- MATH \*\*\* SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED 0467C  
INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST  
FORD-FOUNDATION

	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
MATHEMATICS	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	
	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 403D-MULTIPLE-DATA-SET HOME-STUDY	4628C
	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES PENNSYLVANIA	4062C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
MD	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
MEASUREMENT	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
MEDIA	*** UTILIZATION OF VOICE MEDIA	4964B
	*** COMMUNICATION MEDIA, PROPERTIES AND USES	4934C
MEDIC	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS TAILED MATERIALS COST TAPE-RECORD	4131C



MEDICAL	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
	*** TWO-WAY RADIO IN MEDICAL EDUCATION	4052
	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 37

## PERMUTED INDEX

MEDICAL	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927

*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
MEDICAL-ED *** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS	4136C
*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	4141C
*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OHEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA	4047C

*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
MEDICAL-RADIO-SYSTEM *** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 38

## PERMUTED INDEX

*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
---	-------

	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
MEDICINE-BOW	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
MEDIPHONE	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
MEDITERRANEAN-ISLANDS	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
MEDIUM	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
MEET	*** MEET THE SPOKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
MERRILL	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL RUTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
METHOD	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
METHODS	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
MEXICO	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C

SCOTLAND MEXICO RADIO-AMATEUR

MICHIGAN	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
MICHIGAN-CITY	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
MICHIGAN-UNIV	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
MICROWAVE	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAT DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
MID-APPALACHIA-COLLEGE-COUNCIL	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
MILITARY-USE	*** CONFERENCE ARRANGEMENT FOR NORAD // NETWORKS MILITARY-USE	0593C
MINNESOTA-UNIV	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
MISSISSIPPI	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
MISSOURI	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORU-FOUNDATION HISTORY-TELECONF	4915C
	*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS	4721C
	*** IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 39

## PERMUTED INDEX

MISSOURI-UNIV	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
MITRE	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAT DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
MODERATOR	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
MODERN	*** TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY	0592C
MONTANA	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
MOSINEE	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
MOUNTAIN-STATES-TELEPHONE-CO	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A

MULTIMEDIA	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
	*** MULTIMEDIA INSTRUCTION IN EXTENSION // ILLINOIS-UNIV UNIVEX HIGHER-ED CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	4120A
MULTIMEDIA-INSTRUCTION	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
MULTIMEDIA-LIBRARY	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
MULTIPLEXING	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION	4029C
MULTIPLEXING	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
MULTIPOINT	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
MURRAY-HILL	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
MUSICASTING	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
NASA	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
NATIONAL	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
NATIONAL-EXTENSION-COLLEGE	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
NATO	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C

BRASKA	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
NET	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
NETWORK	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 40

## PERMUTED INDEX

NETWORK	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
	*** TELEPHONE NETWORK COURSES	0547C
	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A



	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
NETWORKS	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A
	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
	*** CONFERENCE ARRANGEMENT FOR NORAD // NETWORKS MILITARY-USE	0593C
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
NEVADA	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH	4715C
NEVADA	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C

NEVADA-UNIV	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
EW	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** TELELECTURE, A NEW LOOK	0585C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C

EW	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
NEWFOUNDLAND-CITY	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
EW-ENGLAND	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	4514C
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	4514C
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	
EW-HAMPSHIRE	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	4520A
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	4520A
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
EW-HAVEN	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
EW-JERSEY	*** CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
EW-JERSEY-BELL-TELEPHONE-CO	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
EW-PALTZ	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C

NEW-SOUTH-WALES-UNIV *** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV	0589C
SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY	
LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	
NEW-YORK *** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK	4924C
ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A	4051C
NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT	
NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS	
VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	
*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV	0430C
HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	
*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK	4608C
CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	
*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED	0476C
COURSE-ENRICHMENT TAPE-RECORD COST	
*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK	0449C
SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY	
CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS	
ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	
*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK	0565C
STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE	
EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	
*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE	0564C
HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	
*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS //	4720C
REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK	
ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS	
MAILED-MATERIALS COST LEASED-LINES	
*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE	4618C
TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION	
INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	
*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE	4063C
MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV	
COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	
*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHU ECUADOR	4016C
INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT	
COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	

	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS	4137C
	ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	
NEW-YORK-CITY	*** PICTUREPHONE AS A PHOTO TOOL // NEW-YORK-CITY CHICAGO	0474C
	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 42

## PERMUTED INDEX

NEW-YORK-CITY	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 403D-MULTIPLE-DATA-SET HOME-STUDY	4628C
	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
	*** CONFERENCE CALLS BECOME FUN // NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESSESSION-CO	4648C
	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
NEW-YORK-RMP	*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
NEW-YORK-TELEPHONE-CO	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
NICARAGUA	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
NOGAD	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C

	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	// NOGAD NETWORKS	0598C
ORISE	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	// NOGAD NETWORKS	0598C
ORAD	*** CONFERENCE ARRANGEMENT FOR NORAD	// NETWORKS MILITARY-USE	0593C
ORTHAMPTON	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	// LONDON NORTHAMPTON	4928C
ORTHEAST-TELEWRITER-PROJECT	*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	// IOWA	0572C
THWESTERN-BELL-TELEPHONE-CO	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS	// NEBRASKA OMAHA-UNIV OHIO	0458C
THWESTERN-BELL-TELEPHONE-CO	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS	// NEBRASKA OMAHA-UNIV OHIO	0458C
	CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO		
THWEST-IOWA-TELEWRITER-PROJECT	*** IOWA TEACHERS LEARN MATH VIA VERB CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	// NORTHWEST-IOWA-TELEWRITER-PROJECT	4054C
	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	//	4110A
	*** SPREADING THE WORD ON THE NEW MATH INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	// NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED	0467C
RSES	*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP REGIONAL-MEDICAL-NETWORK	// MEDICAL-ED CONTINUING-ED	4138C
	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM		4140C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	// WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED	4707C
	*** PARTY-LINE FOR NURSES EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	// WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED	4133C
RSING	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	// WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED	4512C

	*** NURSING RADIO CONFERENCE- EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	MEDICAL-ED	4142C
ICIALS	*** DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS		4919
FF-CAMPUS	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV		4114A
	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK		4972C
	*** TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV		4973C
HIO	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO		0458C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV		4047C
	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV		4135C
	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC		0569C
	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST		0424C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 43

## PERMUTED INDEX

OHIO-STATE-COLLEGE-OF-ED	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM		4111A
HIO-STATE-UNIV	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY		4116A
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY		4112A
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV		4047C

	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
MAHA	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
MAHA-UNIV	*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
	*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
OMEN	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
ON-SITE	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
OPERATIONAL	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
OPERATOR	*** DIAL O FOR OPERATOR // PRESCHOOL-ED	0570C
OREGON	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
	EVALUATION-SUBJECTIVE TITLE-III	
ORGANIZATION	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
OSWEGO	*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
OVERLAND-PARK	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECARLE-INC VICOM-MANUFACTURING	8700C



OVERSEAS	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
OWNERSHIP	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL KCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
PACE	*** BLOCK-ISLAND (A PACE PROJECT)	0427
PACIFIC-TELEPHONE-CO	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
PAPERS	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
PARAMEDICAL-ED	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
PARIS	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIO-DIFFUSION-TELEVISION-FRANCAISE	0680C
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
PARTICIPATION	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
PARTY-LINE	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
	*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UNW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST	0424C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 44

## PERMUTED INDEX

ARTY-LINE	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
PEACE-CORPS	*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
EC	*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
PENNSYLVANIA	*** MEDICAL EDUCATION NETWORK // OHIO OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
PENNSYLVANIA-UNIV	*** ON-SITE CONTINUING EDUCATION // DELAWARE-VALLEY PENNSYLVANIA-UNIV GRADUATE-ED ENGINEERING INDUSTRY-UNIVERSITY ITFS FM-RADIO	4609C
PERSONNEL	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
PHARMACEUTICALS	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
PHARMACISTS	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C

PHARMACY	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
	PHARMACEUTICALS TV	
PHONE	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
	*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECOPIER MAGNAVOX-CO COST	0437C
	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LIX COAXIAL-CABLE	0580C
	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
PHOTO	*** PICTUREPHONE AS A PHOTO TOOL // NEW-YORK-CITY CHICAGO	0474C
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
PHYSICAL-THERAPISTS	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
PHYSICIANS	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
	*** ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA	4942C
PHYSICS	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
PICTURE	*** VOICEPICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LIX	4670C

PICTUREPHONE	*** PICTUREPHONE AS A PHOTO TOOL // NEW-YORK-CITY CHICAGO	0474C
	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
PILOT	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 45

PILOT	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
PLANNING	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
PLYMOUTH-STATE-COLLEGE	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
POLICIES	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
POLICY	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
POLITICAL-SCIENCE	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
POSTGRADUATE	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049

	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927
	*** POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS	4923
POSTGRADUATE-ED	*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
	*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
	*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
POST-GRADUATE	*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
POST-OFFICE	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C

INITIAL	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
PRELIMINARY	*** TELECONFERENCING, PRELIMINARY EXPERIMENTS	0484A
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
PRESCHOOL-ED	*** DIAL O FOR OPERATOR // PRESCHOOL-ED	0570C
PRESENTATION	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
PRESENTATIONS	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
	*** SIX WORKSHOPS RECEIVE KEY PRESENTATIONS VIA TELELECTURE	0463
PRESENTATION-SKILLS	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 46

*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C

PRESENTING	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
PRE-PLANNING	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
PRIMARY-ED	*** MEET THE SPUKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT	0432C
	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY	4628C

	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTrip	0566C
PROBLEMS	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
PROBLEM-SOLVING	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** TEACHERS EARN GRADUATE CREDIT VIA VIDEO // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
PROCEDURES	*** TELECONFERENCEING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
PROFESSIONAL	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
PROFESSOR	*** PROFESSOR STEVENS, THE CLASS IS READY	4974C
PROFESSORS	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
PROFS	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
PROGRAM	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UNW EVALUATION-CHECKLIST ETN-SCA	4711C
	*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UNW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C



# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 47

## PERMUTED INDEX

PROGRAM	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
	*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
PROGRAMED-INSTRUCTION	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
PROGRAMED-TEXTS	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
PROGRAMING	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB UCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A

\*\*\* RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION 4029C  
PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA

\*\*\* ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS 4709C  
VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST

PROGRAMMING \*\*\* EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING 4500C  
// WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL

PROGRAMS \*\*\* INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU 0442C  
STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED

STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED  
EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III

\*\*\* PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS 4128A  
AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION  
LEARNING-CENTER PROGRAMED-INSTRUCTION

\*\*\* FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION 4019A  
// COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS  
EVALUATION-SUBJECTIVE ELECTROWRITER

PROGRAM-LISTING \*\*\* THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, 4707C  
PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED  
PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST

PROJECT \*\*\* TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT 0542C

\*\*\* UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT 4929

\*\*\* BLOCK-ISLAND (A PACE PROJECT) 0427

\*\*\* HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS 4015A  
A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC  
EVALUATION BIBLIOGRAPHY

\*\*\* PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR 4016C  
INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT  
COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK

PROJECTS \*\*\* PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS 4128A  
AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION  
LEARNING-CENTER PROGRAMED-INSTRUCTION

PROPERTIES \*\*\* COMMUNICATION MEDIA, PROPERTIES AND USES 4934C

PROTOCOL \*\*\* TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS 0482C  
PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE

PSYCHIATRY \*\*\* POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS 4923

PSYCHOLOGY	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
PUBLICITY	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
PURDUE-UNIV	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
RADIO	*** GRADUATE TEACHING BY TELEPHONE AND RADIO	0605C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 48

## PERMUTED INDEX

RADIO	*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
	*** TWO-WAY RADIO AND ITS ADVANTAGES	4068
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C

*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
*** THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES	4048
*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927
*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	4141C
*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHU ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
*** TWO-WAY RADIO IN MEDICAL EDUCATION	4052
*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE	4121C

- \*\*\* PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS 4137C  
ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO
- \*\*\* HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY 4925C  
PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG  
INTERNATIONAL-DATA-TRANSMISSION
- \*\*\* RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED 4111A  
INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM
- \*\*\* A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL 4514C  
INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //  
INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER
- \*\*\* TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A 4051C  
NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT  
NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS  
VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST
- \*\*\* POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS 4923
- RADIODIFFUSION-TELEVISION-FRANCAISE \*\*\* FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF 0680C  
WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV  
SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE.
- RADIOGRAPHY \*\*\* HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY 4925C  
PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOGRAPHY EKG  
INTERNATIONAL-DATA-TRANSMISSION
- RADIO-AMATEUR \*\*\* GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV 4139C  
INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA  
SCOTLAND MEXICO RADIO-AMATEUR
- \*\*\* GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED 4141C  
CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ

RADIO-SHORT-WAVE *** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY	4925C
PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG	
INTERNATIONAL-DATA-TRANSMISSION	
RADIO-UNIVERSITY *** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV	0589C
SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY	
LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	
RAWLINS *** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE	4697C
LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	
RCAC *** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC	4669C
PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM	
WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP	
COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	
REAR-SCREEN-PROJECTORS *** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A	0420C
THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	
REGIONAL *** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING	4910C
MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER	
REMOTE-PATIENT-MONITORING	
REGIONAL-CENTER *** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER	4129A
LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION	
TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	
REGIONAL-COOPERATION *** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC	0568C
LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER	
VERB	
REGIONAL-MEDICAL-NETWORK *** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED	4138C
REGIONAL-MEDICAL-NETWORK	
*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED	4920C
MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	
REGIONAL-MEDICAL-NETWORKS *** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA	4135C
REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	
REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK *** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS	4720C
// REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK	
ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS	
MAILED-MATERIALS COST LEASED-LINES	
REGIONAL-NETWORK *** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING	4520A
EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE	
UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	
INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL	4514C

\*\*\* A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL

4514C

INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //  
INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER

REGULATORY

\*\*\* FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC  
PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM  
WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP  
COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE

4669C

RELAYS

\*\*\* RELAYS FOR EVERY APPLICATION SHOWN

4030

REMOTE

\*\*\* TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)

4921B

\*\*\* VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED  
CURRICULUM-ENRICHMENT COURSE-ENRICHMENT

4694C

\*\*\* AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL

4061

\*\*\* EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS //  
TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST

4126A

\*\*\* A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING  
EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP  
EVALUATION-PRE-AND-POST-TESTING

0421C

\*\*\* TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED  
EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING  
EVALUATION-CONTROL-GROUP

0428C

REMOTE-CONSULTATION \*\*\* HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION //  
NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE  
RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION

4925C

REMOTE-DIAGNOSIS \*\*\* ELECTROCARDIOGRAPH NET LINKS JOHNSTOWN HOSPITAL WITH HOMES OF PHYSICIANS // PENNSYLVANIA  
LEE-HOSPITAL REMOTE-DIAGNOSIS DATA-TRANSMISSION EKG GENERAL-TELEPHONE-CO-OF-PENNSYLVANIA

4942C

\*\*\* HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS  
EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE

4721C

\*\*\* RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE  
CIRM

4121C

REMOTE-PATIENT-MONITORING \*\*\* INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA  
WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV  
COMPUTER REMOTE-PATIENT-MONITORING

4910C

\*\*\* EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV  
KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE  
FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST

0512C

REPLACEMENTS

\*\*\* MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS

0573C

REPORT

\*\*\* DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE  
PARTICIPATION CONFERENCES. FINAL REPORT

4933

\*\*\* DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS

4919

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PERMUTED INDEX

PAGE 50

REPORT	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
RESCUE	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
RESEARCH	*** TELECONFERENCING, GUIDELINES FOR RESEARCH	0479C
	*** UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT	4929
RESTON	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
RESTON-TRANSMISSION-CO	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
REVIEW	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
REVIEWING	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
RING	*** GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES	0448
RIVERSIDE	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C



ROLL-CALL	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UNW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
ROME	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION // NEW-YORK-CITY PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	4925C
ROSWELL-PARK-MEMORIAL-INSTITUTE	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
ROTHSCHILD-SCHOFIELD	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
SACRAMENTO-STATE-UNIV	*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
SAINT-LOUIS	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
SAN-DIEGO	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
	*** MEET THE SPOKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C
SAN-FRANCISCO	*** MEDICAL RADIO CONFERENCES // SAN-FRANCISCO CALIFORNIA-UNIV-SCHOOL-OF-MEDICINE MEDICAL-ED POSTGRADUATE-ED LEARNING-CENTER DISSEMINATION-OF-INFORMATION	4123C
	*** NURSING RADIO CONFERENCES // SAN-FRANCISCO FRESNO CALIFORNIA CONTINUING-ED MEDICAL-ED EVALUATION-QUESTIONNAIRE COST FM-RADIO KXQR-FM KPFA-FM	4142C
	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C

SARATOGA	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
SATELLITE	*** STUDENTS VISIT VIA SATELLITE	0661
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 51

## PERMUTED INDEX

SATELLITES-DOMESTIC	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
SATELLITE-DOMESTIC	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
SATELLITE-LINKS	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
SCA	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C

	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
SCA-REGULATION	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C
SCHOOL	*** AEROSPACE ENGINEERS ATTEND GRADUATE SCHOOL BY REMOTE CONTROL	4061
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
SCHOOLS	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
SCOTLAND	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
SEA-RESCUE	*** RADIO MEDICAL ASSISTANCE AND RESCUE // MEDITERRANEAN-ISLANDS REMOTE-DIAGNOSIS SEA-RESCUE CIRM	4121C
	CIRM	
SECONDARY-ED	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
	*** CLASSROOM PARTY-LINE // OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST	0424C
	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C

*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C
*** CLASSROOM COMMUNICATION, TELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C

## PERMUTED INDEX

- SECONDARY-ED \*\*\* LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO 0468C  
SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION  
EVALUATION-QUESTIONNAIRE
- \*\*\* REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT 0562C  
SECONDARY-ED DIAL-ACCESS TITLE-III
- \*\*\* TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET 4986A  
PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED  
CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE
- \*\*\* TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT 0432C  
HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO
- \*\*\* TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS 4628C  
DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY
- \*\*\* TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK 0449C  
SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY  
CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS  
ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO
- \*\*\* SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED 4130A  
SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER
- \*\*\* TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT 4931C  
UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER  
NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN
- \*\*\* CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER 4129A  
LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION  
TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY
- \*\*\* HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED 0566C  
VISUAL-AIDS FIELDTRIP
- SELF-INSTRUCTION \*\*\* TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED 4009A  
ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION  
PROGRAMED-INSTRUCTION EVALUATION
- SEMINAR \*\*\* SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // 4022A  
WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION
- \*\*\* TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED 4010A  
COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY
- SEMINARS \*\*\* POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS 4923
- \*\*\* LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV 4008C  
SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE  
INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE

INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE  
ELECTROWRITER COST

	*** THE DELEWARE MEDICAL SEMINARS EXPERIMENT // REGIONAL-MEDICAL-NETWORK POSTGRADUATE-ED MEDICAL-ED EVALUATION-PRE-AND-POST-TESTING RADIO	4920C
	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
SEMINAR-ENRICHMENT	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
SERIES	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
SERVICE	*** PICTUREPHONE SERVICE, A NEW WAY OF COMMUNICATING // AT-T BELL	4680C
	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
SERVICES	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
SHARING	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
SHEFFIELD-UNIV	*** LONG-DISTANCE SEMINARS // ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE ELECTROWRITER COST	4008C
SHERATON-HOTELS	*** GE'S HOOKUP FOR BUSINESS CONFEREES // CCTV LEASED-LINES SHERATON-HOTELS MANAGEMENT-TELEVISION-SYSTEMS-INC	4600C
SHOPPING	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
SIGHT-RADIO	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UNIV SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
SINCLAIR	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
SINGING	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C

SITUATION	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	
SIU	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
SLOW-SCAN-TV	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 53

## PERMUTED INDEX

SLOW-SCAN-TV	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
SOCIAL-SCIENCE	*** NEW APPROACH TO IN-SERVICE EDUCATION. GREATER CLEVELAND SOCIAL-SCIENCE PROGRAM	0433
SOUTHERN	*** GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES	0448
SOUTHERN-ILLINOIS-UNIV	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
SOUTH-DAKOTA	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
SOUTH-DAKOTA-STATE-UNIV	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
SOUTH-KORTRIGHT	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C

SPANISH	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
SPANISH-LANGUAGE	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
SPECIAL	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
SPECIALIST	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
SPECTRUM-USE	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
SPEECH	*** NEW CONCEPT IN SHARING SPEECH PROFESSORS // NEBRASKA OMAHA-UNIV OHIO CINCINNATI-UNIV HISTORY-TELECONF HUMAN-FACTORS COST NORTHWESTERN-BELL-TELEPHONE-CO	0458C
SPEECH-THERAPY	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS	0449C
	CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	
SPOKESMAN	*** MEET THE SPOKESMAN // SAN-DIEGO CALIFORNIA PRIMARY-ED COURSE-ENRICHMENT	0444C
STAFF	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
STANDARDIZED	*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
STANFORD	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY AGE COST FCC	4646C
STANFORD-UNIV	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
STATES	*** GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES	0448
STATEWIDE	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C



STATE-COLLEGE-OF-IOWA *** IOWA TEACHERS LEARN MATH VIA VERB	// NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS	4054C
STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER		
STATE-OF-THE-ART *** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY	// TELECOPIER	4018A
XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY		
STATE-UNIVERSITY-COLLEGE *** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE	// NEW-PALTZ NEW-YORK	0565C
STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE		
EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO		
*** THE TECHNIQUE OF TELE-LECTURE	// ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE	0564C
HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION		
STATE-UNIV-OF-NEW-YORK *** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS	//	4720C
REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK		
ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS		
MAILED-MATERIALS COST LEASED-LINES		
STATION *** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF		4922B
WISCONSIN, SCHOOL OF MEDICINE IN MADISON		
STATISTICS *** LONG-DISTANCE SEMINARS	// ENGLAND EDINBURGH-UNIV CAMBRIDGE-UNIV MANCHESTER-UNIV	4008C
SHEFFIELD-UNIV INTER-UNIVERSITY-RESEARCH-UNIT NATIONAL-EXTENSION-COLLEGE		
INTERUNIVERSITY-COOPERATION POSTGRADUATE-ED STATISTICS EVALUATION-QUESTIONNAIRE CONFRAPHONE		
ELECTROWRITER COST		
STEPHENS-COLLEGE *** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION		4019A
// COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS		
EVALUATION-SUBJECTIVE ELECTROWRITER		

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 54

## PERMUTED INDEX

*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM	// MISSOURI STEPHENS-COLLEGE HIGHER-ED	4020A
COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE		
TEACHER-ED		
*** TELELECTURES BRING NOTABLES INTO CLASSROOMS	// MISSOURI STEPHENS-COLLEGE HIGHER-ED	4915C
INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO		
GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF		

	INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-CORPS COST ELECTROWRITER	4917C
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
	*** ON THE LINE // MISSOURI STEPHENS-COLLEGE MICHIGAN-UNIV HIGHER-ED POLITICAL-SCIENCE LEGAL-STUDIES COURTROOM-PROCEEDINGS CCTV	0545C
STEVENS	*** PROFESSOR STEVENS, THE CLASS IS READY	4974C
STEVENS-POINT	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
STUDENT	*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126A
STUDENTS	*** DEFECTOR, OFFICIALS REPORT FIRSTHAND TO STUDENTS	4919
	*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA, SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** STUDENTS VISIT VIA SATELLITE	0661
STUDIES	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS.	0483C
STUDY	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C

	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	4520A
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND //	4514C
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
SUBSIDIARY	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQE-FM FCC HOME-STUDY	4708C
SUGGESTIONS	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
SUNSTAR	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
SUPERVISION	*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126A
SUPPLEMENTARY	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
SUPPORT	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION //	4520A
	INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	
SURGE	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
SURVEY	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 55

## PERMUTED INDEX

SURVEY	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY	4018A
SWEDEN	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
SWITCHED-GAIN-AMPLIFIER	*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C
SYDNEY	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
SYDNEY-UNIV	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
SYLVANIA	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
	*** RADIO LISTENING EDUCATIONAL STYLE // CORRESPONDENCE-ED HOME-STUDY PROGRAMED-INSTRUCTION PROGRAMING INTERACTIVE-FM-RADIO FM-RADIO MULTIPLEXING EDUCASTING-SYSTEMS-INC SYLVANIA	4029C
	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C
SYSTEM	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A
	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
	*** ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS	0571

SYSTEMS	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	0598C
	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	
TAGER	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
TALKBACK	*** TALKBACK AT UCONN	4926C
TAPE-LIBRARY	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
TAPE-RECORD	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
	*** MEDIC, A COOPERATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
	*** MAKING CURRENT-EVENTS REAL FOR STUDENTS // OSWEGO NEW-YORK SECONDARY-ED COURSE-ENRICHMENT TAPE-RECORD COST	0476C
TAPE-RECORDING-SERVICE	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
TAUGHT	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
TEACH	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
TEACHER	*** TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY	0592C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC	4015A

## TEACHERS

- \*\*\* TEACHERS EARN GRADUATE CREDIT VIA VERR // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED 4700C  
PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER
- \*\*\* TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T 0470C
- \*\*\* FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP 4504C  
EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST
- \*\*\* IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS 4054C  
STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER
- \*\*\* ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // 4110A  
NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER  
EVALUATION
- \*\*\* EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // 4126A  
TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 56

## PERMUTED INDEX

- TEACHERS \*\*\* EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE 4618C  
TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION  
INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM
- TEACHER-AID-ED \*\*\* INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU 0442C  
STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED  
EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III
- TEACHER-ED \*\*\* AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED 4020A  
COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE  
TEACHER-ED
- \*\*\* NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS 4695C  
ELECTROWRITER COST BELL-LABS
- \*\*\* EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE 4618C  
TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION  
INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM
- \*\*\* PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER 4699C

*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE	4002C
*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE  ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
*** EXPERIMENTATION TO DETERMINE THE FEASIBILITY OF REMOTE SUPERVISION OF STUDENT TEACHERS // TEACHER-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP COST	4126A
*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST CORN FOUNDATION	0467C

	*** SPECIAL EDUCATION SERVICE CENTER // DOWNEY CALIFORNIA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED TEACHER-ED 'INSERVICE-ED INSTRUCTIONAL-MATERIALS-CENTER	4130A
	*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE' // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER EVALUATION	4110A
	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
TEACHER-SHARING	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
TEACHING	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
	*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** GRADUATE TEACHING BY TELEPHONE AND RADIO	0605C
	*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY	4628C



TEACHING	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
	*** A COMPARISON OF THE EFFECTIVENESS OF FACE-TO-FACE AND REMOTE TEACHING IN COMMUNICATING EDUCATIONAL INFORMATION TO ADULTS // EXTENSION ADULT-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING	0421C
	*** POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS	4923
	*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
	*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C
	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK	4972C
	*** TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV	4973C
TEAM-TEACHING	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
TECHNICAL	*** THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS	4963B
TECHNICAL-CONSIDERATIONS	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C

	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
TECHNIQUE	*** CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE	4985
	*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C
	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
TECHNIQUES	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
TECHNOLOGIES	*** ALTERNATIVE TECHNOLOGIES FOR INFORMATION NETWORKS // BIOMEDICAL-INFORMATION-NETWORKS COST	4511A
TECHNOLOGY	*** LINKING UNIVERSITIES BY TECHNOLOGY	4930
	*** TEACHER EDUCATION THROUGH AN INNOVATION OF MODERN TECHNOLOGY	0592C
TECHNOLOGY-COMMUNICATION-INC	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERENCING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
TELECABLE-INC	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
TELECOMMUNICATIONS	*** TELECOMMUNICATIONS CONFERENCE	4965B
	*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C
	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK // INDIANA-UNIV PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	4119A
	*** TELECOMMUNICATIONS, NEW PARTY-LINE FOR EDUCATION // HISTORY-TELECONF COST ELECTROWRITER FACSIMILE SLOW-SCAN-TV	0447C
	*** NEW DEVELOPMENTS IN EDUCATIONAL TELECOMMUNICATIONS // SAN-FRANCISCO SAN-DIEGO CALIFORNIA DAVI CMT LIBRARY-SCIENCE ELECTROWRITER DATA-PHONE	0443C
	*** TELECOMMUNICATIONS, TOWARD NATIONAL POLICIES FOR EDUCATION // CPB JCET PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY PRIMARY-ED SECONDARY-ED HIGHER-ED GRADUATE-ED CONTINUING-ED ADULT-ED HOME-STUDY PROGRAMING CATV-TWO-WAY SATELLITE	4986A
TELECONFERENCE	*** CONTINUING EDUCATION AND THE TELECONFERENCE TECHNIQUE	4985
TELECONFERENCING	*** TELECONFERENCING, BACKGROUND INFORMATION	0478C
	*** TELECONFERENCING, CAPACITY OF CURRENT COMMUNICATION FACILITIES // INTERNATIONAL-TELECONF NATO COST TECHNICAL-CONSIDERATIONS	0481C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 58

PERMUTED INDEX

	*** TELECONFERENCING, GUIDELINES FOR RESEARCH	0479C
	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C
	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
	*** TELECONFERENCING, PRELIMINARY EXPERIMENTS	0484A
	*** TELECONFERENCING, PROCEDURES // INTERNATIONAL-TELECONF DEFINITION-TELECONF NETWORKS PROTOCOL LANGUAGE PRESENTATION-SKILLS CHAIRMANSHIP-ROLE	0482C
TELECOPIER	*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECOPIER MAGNAVOX-CO COST	0437C
	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY // TELECOPIER XEROX-MAGNAFAX-TELECOPIER LOX BIBLIOGRAPHY	4018A
	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LOX COAXIAL-CABLE	0580C
TELELECTURE	*** CLASSROOM COMMUNICATION, TELELECTURE // DOVER NEW-JERSEY DOVER-PUBLIC-SCHOOLS SECONDARY-ED COURSE-ENRICHMENT INSERVICE-ED HOMEBOUND-CHILDREN EVALUATION-STUDENT-REACTION LEARNING-CENTER COST	4686C
TELELECTURE	*** SIX WORKSHOPS RECEIVE KEY PRESENTATIONS VIA TELELECTURE	0463
	*** TELELECTURE, A NEW LOOK	0585C
	*** TELELECTURE, AN EXPERIMENT IN REMOTE TEACHING // SAINT-LOUIS MISSOURI-UNIV ADULT-ED EXTENSION CREDIT-COURSES PSYCHOLOGY EVALUATION-PRE-AND-POST-TESTING EVALUATION-CONTROL-GROUP	0428C
	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B

*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR	// TENNESSEE OHIO	0569C
WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START		
APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC		
*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS		4015A
A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC		
EVALUATION BIBLIOGRAPHY		
*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS	//	0466C
SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING		
VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD		
*** TELELECTURE	// DESCRIPTION-TELELECTURE	4067C

*** TELELECTURE IN INDUSTRIAL EDUCATION		0453
*** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL		4504C
TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP		
EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST		
*** ETV, HOW TO PUT TOGETHER A COMMUNICATIONS SYSTEM, TELELECTURE INSTALLATIONS		0571
*** ELEMENTARY TEACHERS RECEIVE IN-SERVICE INSTRUCTION VIA 'TELELECTURE'	//	4110A
NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA-UNIV TEACHER-ED MATHEMATICS ELECTROWRITER		
EVALUATION		
*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS		4015A
A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC		
EVALUATION BIBLIOGRAPHY		
TELELECTURES	*** TELELECTURES	4914
	*** SIX EXPERIMENTAL TELELECTURES	0451
*** TELELECTURES BRING NOTABLES INTO CLASSROOMS	// MISSOURI STEPHENS-COLLEGE HIGHER-ED	4915C
INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO		
GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNOATION HISTORY-TELECONF		
*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL	// WISCONSIN-UNIV POSTGRADUATE-ED	0554C
MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING		
EVALUATION-DELAYED-POST-TESTING		
*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING		4132C
EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL		
*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER	// IOWA NORTHEAST-TELEWRITER-PROJECT	0572C
INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I		

TELEPHONE

*** TELELECTURES // HISTORY-TELECONF MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT PEACE-COMPS COST ELECTROWRITER	4917C
*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
*** GRADUATE INSTRUCTION VIA TELEPHONE	4949C
*** LEARNING BY TELEPHONE	0549C
*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
*** TEACHING BY TELEPHONE, AN EXPERIMENT IN LANGUAGE TEACHING // SWEDEN TEACHER-ED ENGLISH-LANGUAGE SELF-INSTRUCTION CORRESPONDENCE-ED ARTICULATED-INSTRUCTION PROGRAMED-INSTRUCTION EVALUATION	4009A
*** GRADUATE TEACHING BY TELEPHONE AND RADIO	0605C
*** AMPLIFIED TELEPHONE AS A TEACHING MEDIUM // MISSOURI STEPHENS-COLLEGE HIGHER-ED COURSE-ENRICHMENT INTERUNIVERSITY-COOPERATION CURRENT-EVENTS CONTEMPORARY-LITERATURE TEACHER-ED	4020A
*** THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS	0574C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PERMUTED INDEX

PAGE 59

TELEPHONE

*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A
*** THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS	4963B
*** EVALUATION OF THE EFFECTIVENESS OF THE TELEPHONE CONFERENCE AS A METHOD OF POST-GRADUATE MEDICAL EDUCATION	4064
*** A MULTIPOINT TELEPHONE CONFERENCE BRIDGE // NOGAD NETWORKS ECHO SWITCHED-GAIN-AMPLIFIER FOUR-WIRE	0597C

*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
*** COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES	4000C
*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
*** EDITORS GO TO CLASS VIA TELEPHONE HOOKUP // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4649C
*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
*** DEVELOPMENT OF A STANDARDIZED TELEPHONE INTERVIEW FOR THE MEASUREMENT OF LANGUAGE CHANGES IN YOUNG CHILDREN // EVALUATION-CONTROL-GROUP	4021A
*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
*** TELEPHONE LECTURES FOR NURSES FUNDED BY NEW-YORK-RMP // MEDICAL-ED CONTINUING-ED REGIONAL-MEDICAL-NETWORK	4138C
*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C

*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL	
SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST	
MOUNTAIN-STATES-TELEPHONE-CO	
*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING	4500C
// WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	
*** TELEPHONE NETWORK COURSES	0547C
*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED	4111A
INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	
*** TEACHING BY TELEPHONE // NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED MATHEMATICS	4628C
DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 403D-MULTIPLE-DATA-SET HOME-STUDY	
*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES,	4707C
PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED	
PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	
*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON	4928C
ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	
*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT	4931C
UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER	
NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	
*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH	4023A
SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	
*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH	4715C
SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV	
EVALUATION-SUBJECTIVE TITLE-III	
*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED	4507C
CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	
TELEPHONES *** WHAT'S COMING TOMORROW FROM TODAY'S TELEPHONES	0546

TELEPHONES	*** LAKEWOOD, TELEPHONES HELP STUDENTS STUDY FRENCH AND SPANISH // LAKEWOOD COLORADO SECONDARY-ED DIAL-ACCESS PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION EVALUATION-QUESTIONNAIRE	0468C
	*** GIVE A RING, GET A LECTURE. TELEPHONES IN THE SOUTHERN STATES	0448
TELEPHONE-DISCUSSION-GROUP	*** CONFERENCE CALLS BECOME FUN // NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESESSION-CO	4648C
TELEPHONE-EQUIPMENT	*** DIAL F FOR FUTURE // TELEPHONE-EQUIPMENT	0435C
TELEPHONE-TECHNICAL-CAPACITIES	*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
TELEPHONIC	*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	4010A
TELEPHONING	*** HUMAN FACTOR PROBLEMS IN SATELLITE TELEPHONING // DELAY ECHO BELL-LABS	0477C
TELESESSION-CO	*** CONFERENCE CALLS BECOME FUN // NEW-YORK-CITY TELEPHONE-DISCUSSION-GROUP TELESESSION-CO	4648C
TELETEACHING	*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
TELETYPE	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
TELETYPEWRITER	*** COMMUNICATIONS. TELETYPEWRITER AND TELEPHONE CONFERENCES	4000C
TELEVISION	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS	0574C
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // , HAMMOND FORT-WAYNE	4113A



	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE	4113A
	LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
TELEWRITER	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
TELEWRITER-EDUCATIONAL-SYSTEM	*** SIU PROFS TEACH BY TELEWRITER // BARRY-COUNTY TELEWRITER-EDUCATIONAL-SYSTEM MISSOURI SECONDARY-ED COURSE-ENRICHMENT BOTANY CURRICULUM-ENRICHMENT COST ELECTROWRITER CARBONDALE ILLINOIS SOUTHERN-ILLINOIS-UNIV	4918C
TELE-CLASSES	*** TELE-CLASSES IN LOS-ANGELES SCHOOLS // CALIFORNIA LOS-ANGELES-UNIFIED-SCHOOL-DISTRICT HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED MAILED-MATERIALS PACIFIC-TELEPHONE-CO	0432C
TELE-LECTURE	*** THE TECHNIQUE OF TELE-LECTURE // ALBANY NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED SEMINAR-ENRICHMENT EDUCATION-ADMINISTRATION	0564C
	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
	*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
TELE-MED	*** ANOTHER WAY FOR DOCTORS TO KEEP UP // TELE-MED DIAL-ACCESS CURRENT-AWARENESS CONTINUING-ED MEDICAL-ED COST LEASED-LINES TAPE-RECORD	4136C
TELSTAR-II	*** LECTURES ON THE PHONE, TELELECTURES // MISSISSIPPI CLASSICS SATELLITE TELSTAR-II	0446A
	*** LONG-DISTANCE LECTURES BRING EXPERTS TO THE CLASSROOM // NEW-YORK COLUMBIA-UNIV HIGHER-ED INTERUNIVERSITY-COOPERATION CLASSICS SATELLITE TELSTAR-II COST FORD-FOUNDATION	0430C
TEL-A-LECTURE	*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C
TEL-LECTURE	*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
TENNESSEE	*** LONG-DISTANCE 'BLACKBOARD-BY-WIRE' // KENTUCKY NEW-YORK TENNESSEE MID-APPALACHIA-COLLEGE-COUNCIL INTERUNIVERSITY-COOPERATION HIGHER-ED LEASED-LINES CCTV COST ELECTROWRITER GT-E SYLVANIA GENERAL-TELEPHONE-CO-OF-KENTUCKY	4063C

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 61

PERMUTED INDEX

TEST	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
TEXAS	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
TEXAS-A-M-UNIV	*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
TEXTILE	*** TELELECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
THERMOFAX	*** BOEING NETWORK CUTS APOLLO WORK COSTS // INDUSTRY NASA LDX BELL-TELEPAK-A THERMOFAX REAR-SCREEN-PROJECTORS AD-HOC-CONFERENCES LEGAL-ASPECTS LEASED-LINES	0420C
TIME	*** TIME DIVISION CONFERENCING OF FOUR-WIRE TELEPHONE CIRCUITS // ECHO DELAY CROSSTALK INTELLIGIBILITY MULTIPLEXING SATELLITE-LINKS	0596C
TITLE-I	*** WEST-UNION, TELELECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
TITLE-III	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION SUBJECTIVE TITLE-III	4715C

	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENSON-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
	*** REVIEWING LESSONS FOR ABSENTEE STUDENTS // RIVERSIDE CALIFORNIA ALVORD-SCHOOL-DISTRICT SECONDARY-ED DIAL-ACCESS TITLE-III	0562C
	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENSON-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
TODAY	*** WHAT'S COMING TOMORROW FROM TODAY'S TELEPHONES	0546
TODAY	*** WHAT'S COMING TOMORROW FROM TODAY'S TELEPHONES	0546
TOLL-TELEPHONE-CONFERENCING	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
TOMORROW	*** WHAT'S COMING TOMORROW FROM TODAY'S TELEPHONES	0546
TOOL	*** NEW A-V TOOL // CEDAR-FALLS IOWA INSERVICE-ED TEACHER-ED ADULT-ED MATHEMATICS ELECTROWRITER COST BELL-LABS	4695C
	*** PICTUREPHONE AS A PHOTO TOOL // NEW-YORK-CITY CHICAGO	0474C
TOOLS	*** THE COMPUTER, TELEVISION AND TELEPHONE AS EDUCATIONAL TOOLS	0574C
TOPEKA	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HUMBOLDT-CHILDREN	4931C
TRAINING	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A
TRANSCRIPT-TELECONF	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
TRANSLATION	*** TELECONFERENCING, LANGUAGE AND CULTURAL FACTORS // INTERNATIONAL-TELECONF INTERPRETATION TRANSLATION CROSS-CULTURAL-TELECONF	0480C

TRANSMISSION	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	// NOGAD NETWORKS	0598C
	*** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY XEROX-MAGNAFAX-TELECOPIER LOX BIBLIOGRAPHY	// TELECOPIER	4018A
	*** HEART EXAMINATION AND CONSULTATION BY RADIO AND RADIO PHOTO TRANSMISSION PARIS ROME REMOTE-CONSULTATION DATA-TRANSMISSION RADIO-SHORT-WAVE RADIOPHOTOGRAPHY EKG INTERNATIONAL-DATA-TRANSMISSION	// NEW-YORK-CITY	4925C
TRUNK	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	// LONDON NORTHAMPTON	4928C
TUFTS	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	// ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT	4051C
TV	*** CONTINUING EDUCATION IN PHARMACY VIA TELECOMMUNICATIONS NETWORK PURDUE-UNIV BUTLER-UNIV INDIANA-PHARMACEUTICAL-ASSOC CONTINUING-ED CURRENT-AWARENESS PHARMACEUTICALS TV	// INDIANA-UNIV	4119A
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	// COLUMBUS DAYTON OHIO-STATE-UNIV	4114A

# TELECONFERRING, AN ANNOTATED BIBLIOGRAPHY

PAGE 62

## PERMUTED INDEX

TV	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 CONTINUING-ED MEDICAL-ED FM-RADIO TV	// OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA	4047C
	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	// HAMMOND FORT-WAYNE	4113A
	*** TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV		4973C
	*** POSTGRADUATE TEACHING IN PSYCHIATRY COMBINING TV AND FM RADIO WITH SEMINARS		4923
	*** MEDICAL EDUCATION NETWORK REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	// OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA	4135C

	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WI OHIO TV FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	
	*** BUSY MD'S ATTEND CLASS VIA DIAL-A-LECTURE TV // COLUMBIA MISSOURI-UNIV CONTINUING-ED MEDICAL-ED DIAL-ACCESS GT-E TAPE-LIBRARY	4634C
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
	*** THE INNOVATIVE GROUP INNOVATES WITH TV // HARRISON-HOUSE GLEN-COVE NEW-YORK CONFERRING-ENVIRONMENT CCTV TECHNOLOGY-COMMUNICATION-INC	4608C
	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
	*** NURSES OF NINE CITIES LINKED BY EDUCATIONAL TV INTERCOM	4140C
	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
	*** PRELIMINARY EXPERIMENTS IN TELECONFERENCING // DEFINITION-TELECONF INTERNATIONAL-TELECONF PROBLEM-SOLVING LANGUAGE CHAIRMANSHIP-ROLE NETWORKS TV TELETYPE	0422C
	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE	0565C
	STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	
TV-TWO-WAY	*** TELECOMMUNICATIONS FOR LEARNING // TELEPHONE-TECHNICAL-CAPACITIES TV-TWO-WAY COST BELL	4951C
TWO-WAY	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
	*** TWO-WAY OFF-CAMPUS GRADUATE TEACHING VIA TV	4973C
	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933

	*** TWO-WAY RADIO AND ITS ADVANTAGES	4068
	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
	*** THREE YEARS EXPERIENCE WITH TWO-WAY RADIO CONFERENCES	4048
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
	*** TWO YEARS OF EXPERIENCE WITH TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION	4049
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION // NEW-YORK ALBANY-MEDICAL-COLLEGE TRANSCRIPT-TELECONF	4924C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION - TEN YEARS OF EXPERIENCE, 1955-1966	4927
	*** TWO-WAY RADIO CONFERENCES, THE ALBANY MEDICAL COLLEGE PROJECT	0542C
	*** TWO-WAY RADIO IN MEDICAL EDUCATION	4052
	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
UCLA	*** TEACHING BY TELEPHONE // TOPEKA KANSAS SECONDARY-ED TEACHER-SHARING COURSE-ENRICHMENT UCLA ADULT-ED EXTENSION CORNELL INDUSTRY-UNIVERSITY ENGINEERING ELECTROWRITER NEW-YORK-CITY LOS-ANGELES HOMEBOUND-CHILDREN	4931C
	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD CDST	0501C
UCONN	*** TALKBACK AT UCONN	4926C
UNDERGRADUATE	*** UNDERGRADUATE DIAL-ACCESS LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER COMPUTER COST HOME-STUDY	4112A

## PERMUTED INDEX

UNION-CARBIDE	*** BUSINESS GETS EYE-TO-EYE BY PHONE // PICTUREPHONE AT-T UNION-CARBIDE	0429A
UNIVERSITIES	*** TELEVISION NETWORK LINKS TWO UNIVERSITIES AND EXTENSION CAMPUSES // HAMMOND FORT-WAYNE LAFAYETTE INDIANAPOLIS BLOOMINGTON MICHIGAN-CITY INDIANA-UNIV PURDUE-UNIV INTERUNIVERSITY-COOPERATION TV	4113A
	*** LINKING UNIVERSITIES BY TECHNOLOGY	4930
	*** A NEW-ENGLAND LAND-GRANT NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN THE SIX LAND-GRANT UNIVERSITIES IN NEW-ENGLAND // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK EEN RADIO TV COMPUTER	4514C
	*** UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT	4929
UNIVERSITY	*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
	*** GEORGETOWN UNIVERSITY HAM NETWORK SENDS CONSULTATIONS OVERSEAS // GEORGETOWN-UNIV INTERNATIONAL-MEDICAL-AMATEUR-RADIO-SOCIETY EMERGENCY-CONSULTATION ECUADOR LATIN-AMERICA SCOTLAND MEXICO RADIO-AMATEUR	4139C
	*** UNIVERSITY INDUSTRY TELEVISION, RADIO AND TELEPHONE LINKS // STANFORD-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY ENGINEERING ITFS CATV ELECTROWRITER SUNSTAR TAGER SURGE GENESYS-SYSTEMS-INC	4693C
	*** UNIVERSITY INTERCOMMUNICATION, THE NINE UNIVERSITIES RESEARCH PROJECT	4929
	*** TOWARD A NEW-HAMPSHIRE INFORMATION NETWORK, A STUDY OF THE FEASIBILITY OF ESTABLISHING EDUCATIONAL INFORMATION LINKS BETWEEN KEENE-STATE-COLLEGE, PLYMOUTH-STATE-COLLEGE AND THE UNIVERSITY OF NEW-HAMPSHIRE, CARRIED OUT WITH THE SUPPORT OF THE FORD-FOUNDATION // INTERUNIVERSITY-COOPERATION REGIONAL-NETWORK DATA-PLEX-SYSTEM TV COST	4520A
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
UNIVEX	*** INSTRUCTIONAL SYSTEMS FOR EXTRAMURAL COURSES // ILLINOIS-UNIV UNIVEX EXTENSION AGRICULTURE EVALUATION-QUESTIONNAIRE EVALUATION-COURSE-SUCCESS INDEPENDENT-STUDY	4506C

	CURRICULUM-ENRICHMENT AGRICULTURE COMPUTER-SCIENCE GRADUATE-ED LIBRARY-SCIENCE	
	CORRESPONDENCE-ED CONTINUING-ED ENGINEERING ELECTROWRITER	
URBANA	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
US	*** 'J' STUDENTS QUIZ EDITORS ACROSS US // CALIFORNIA SACRAMENTO-STATE-UNIV IOWA-STATE-UNIV NEVADA-UNIV HIGHER-ED CURRICULUM-ENRICHMENT JOURNALISM	4650C
USE	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
	*** COMMUNICATIONS. REPORT OF AN EXPERIMENT IN THE USE OF TELELECTURES FOR THE CONTINUING EDUCATION OF PHYSICIANS AND ALLIED HEALTH PERSONNEL	4132C
	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
USED	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
USES	*** COMMUNICATION MEDIA, PROPERTIES AND USES	4934C
USING	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK	4972C
	*** TWO-WAY TELEPHONE SYSTEM FOR SEMINARS USING POST-OFFICE TRUNK LINES // LONDON NORTHAMPTON ENGLAND CONTINUING-ED MEDICAL-ED COST TECHNICAL-CONSIDERATIONS	4928C
UTAH	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
UTILIZATION	*** DEVELOPMENT, UTILIZATION AND EVALUATION OF GRADUATE EDUCATION BY TWO-WAY RADIO ACTIVE PARTICIPATION CONFERENCES. FINAL REPORT	4933
	*** UTILIZATION OF VOICE MEDIA	4964B



UTILIZES	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
UTILIZING	*** FINAL REPORT OF TWO INTER-INSTITUTIONAL PROGRAMS UTILIZING AMPLIFIED TELEPHONE COMMUNICATION // COLUMBIA MISSOURI STEPHENS-COLLEGE HIGHER-ED AMERICAN-LITERATURE MATHEMATICS EVALUATION-SUBJECTIVE ELECTROWRITER	4019A

TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 64

PERMUTED INDEX

UTILIZING	*** POSTGRADUATE MEDICAL EDUCATION IN MAINE - A NEW EXPERIMENT UTILIZING TWO-WAY RADIO AND TELEVISION	0602C
UW	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
UYUMBICHO	*** PROJECT EAR, EDUCATIONAL AMATEUR RADIO // HARRISON NEW-YORK UYUMBICHO ECUADOR INTERNATIONAL-TELECONF CROSS-CULTURAL-TELECONF PRIMARY-ED CURRICULUM-ENRICHMENT COMMUNICATION-SKILLS INTERNATIONAL-EDUCATIONAL-NETWORK	4016C
VERB	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C
	*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VERB COST FORD-FOUNDATION	0467C
	*** IOWA TEACHERS LEARN MATH VIA VERB // NORTHWEST-IOWA-TELEWRITER-PROJECT CEDAR-FALLS STATE-COLLEGE-OF-IOWA CHICAGO URBANA ILLINOIS-UNIV INSERVICE-ED TEACHER-ED ELECTROWRITER	4054C
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C

	*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
VERMONT	*** PHYSICAL-THERAPISTS BEGIN LEARNING BY RADIO // NEW-YORK VERMONT MASSACHUSETTS ALBANY-REGIONAL-MEDICAL-PROGRAM CONTINUING-ED MEDICAL-ED FM-RADIO	4137C
	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
VERMONT-COLLEGE-OF-MEDICINE	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
VERMONT-UNIV	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX // VERMONT-UNIV KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	0512C
VICOM-MANUFACTURING	*** DIALING UP A DIALOGUE ON CABLE // OVERLAND-PARK KANSAS HOMEBOUND-CHILDREN SHOPPING CATV-TWO-WAY TELECABLE-INC VICOM-MANUFACTURING	8700C
VICTOR	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
VICTOR	*** TEACHING ADULTS VIA TELELECTURE AND ELECTROWRITER (VICTOR ELECTRONIC REMOTE BLACKBOARD)	4921B
	*** VICTOR ELECTROWRITER REMOTE BLACKBOARD, VERB // CONTINUING-ED INSERVICE-ED CURRICULUM-ENRICHMENT COURSE-ENRICHMENT	4694C
VICTOR-BUSINESS-MACHINE-CORP	*** TELELECTURES BRING NOTABLES INTO CLASSROOMS // MISSOURI STEPHENS-COLLEGE HIGHER-ED INTERINSTITUTIONAL-INSTRUCTION COURSE-ENRICHMENT ELECTROWRITER COST GENERAL-TELEPHONE-CO GT-E AT-T VICTOR-BUSINESS-MACHINE-CORP FORD-FOUNDATION HISTORY-TELECONF	4915C
VIDEO	*** DIAL-ACCESS VIDEO AND AUDIO LEARNING SYSTEM // COLUMBUS OHIO-STATE-UNIV HIGHER-ED LEARNING-CENTER BIOLOGY CHEMISTRY COMPUTER TV HOME-STUDY	4116A
	*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
	*** OFF-CAMPUS GRADUATE TEACHING USING AUDIO VIDEO LINK	4972C
	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
VIDEOTAPE	*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C

	*** ELECTRONIC WONDERLAND, HARBINGER OF THE FUTURE // NEW-PALTZ NEW-YORK STATE-UNIVERSITY-COLLEGE HIGHER-ED EDUCATION-LAW ELECTROWRITER TV VIDEOTAPE EVALUATION-COURSE-SUCCESS NEW-YORK-TELEPHONE-CO	0565C
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK // CALIFORNIA INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE HOME-STUDY ACE COST FCC	4646C
	*** EXPERIMENTAL SERIES OF LECTURES FOR TEACHERS UTILIZES THE COMPUTER, TELEVISION, AND THE TELEPHONE // BROOKLYN NEW-YORK TEACHER-ED CAI PROGRAMED-INSTRUCTION INDIVIDUAL-INSTRUCTION VIDEOTAPE IBM	4618C
VIDEOTAPE-RECORD	*** INITIAL EXPERIENCE WITH ENCODED TWO-WAY MEDICAL TELEVISION // LOS-ANGELES CALIFORNIA UCLA POSTGRADUATE-ED MEDICAL-ED INSERVICE-ED MODERATOR EVALUATION-QUESTIONNAIRE KCET VIDEOTAPE-RECORD COST	0501C
VIEWPHONE	*** AROUND THE CORNER, THE VIEWPHONE	4984
VIRGINIA	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** THE RESTON, VIRGINIA, TEST OF THE MITRE CORPORATION'S INTERACTIVE TELEVISION SYSTEM // CATV-TWO-WAY COMPUTER MICROWAVE INTERACTIVE-TELEVISION HOME-STUDY PRIMARY-ED MATHEMATICS CAI DIAL-ACCESS-TV RESTON-TRANSMISSION-CO CONTINENTAL-TELEPHONE-CO	4745C
VISIT	*** STUDENTS VISIT VIA SATELLITE	0661
VISUALS	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
VISUAL-AIDS	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

## PERMUTED INDEX

PAGE 65

VISUAL-AIDS	*** EDUCATION BY TELEPHONE // DESCRIPTION-TELELECTURE OMAHA-UNIV HIGHER-ED TEACHER-SHARING VISUAL-AIDS	0595C
	*** MULTIMEDIA FIELDTRIP REPLACEMENTS // ILLINOIS-UNIV HIGHER-ED AGRICULTURE VISUAL-AIDS	0573C
	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C

*** BETTER VIDEO CONFERENCES // HOLMDEL NEW-JERSEY MURRAY-HILL CCTV VISUAL-AIDS AUTOMATIC-SWITCHING BELL-LABS	4627C
*** TELETEACHING, THE PARTY-LINE REVIVED // MINNESOTA-UNIV EXTENSION AGRICULTURE PRESENTATION-SKILLS MODERATOR VISUAL-AIDS COST	4692C
*** TEL-A-LECTURE TECHNIQUE // IOWA MALCOLM-PRICE-LAB-SCHOOL AUDIO-VISUAL-ED-ASSOC-OF-IOWA VISUAL-AIDS COST	4065C
*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION // ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	4051C
*** TELEPHONE TEACHERS // HOMEBOUND-CHILDREN OMAHA-UNIV VISUAL-AIDS COST AT-T	0470C
*** SUGGESTIONS FOR EFFECTIVE TELE-LECTURE PRESENTATIONS // COORDINATOR MODERATOR PRE-PLANNING PRESENTATION-SKILLS VISUAL-AIDS ELECTROWRITER	0419C
*** TEACHERS EARN GRADUATE CREDIT VIA VIDEO // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
*** TEACHING BY CLOSED-CIRCUIT TELEPHONE IN NINE CENTRAL SCHOOLS // SOUTH-KORTRIGHT NEW-YORK SECONDARY-ED PRIMARY-ED INSERVICE-ED TEACHER-ED EDUCATION-ADMINISTRATION SPEECH-THERAPY CURRICULUM-ENRICHMENT INTERNATIONAL-TELECONF CUBA HAVANA-UNIV SPANISH-LANGUAGE VISUAL-AIDS ELECTROWRITER COLUMBIA-UNIV NEW-YORK-TELEPHONE-CO	0449C
*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
*** SPREADING THE WORD ON THE NEW MATH // NORTHWEST-IOWA-TELEWRITER-PROJECT IOWA TEACHER-ED INSERVICE-ED ADULT-ED MATHEMATICS PROGRAMED-TEXTS VISUAL-AIDS ELECTROWRITER VIDEO COST FORD-FOUNDATION	0467C
*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UNW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS	4716C
HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	
*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTRIP	0566C

*** TELEPHONIC SEMINAR IN FOREIGN-RELATIONS // COLUMBIA MISSOURI SECONDARY-ED COURSE-ENRICHMENT ADULT-ED VISUAL-AIDS INDEPENDENT-STUDY	
*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C
*** HIGH-SCHOOL INSTRUCTION VIA TELEPHONE LINES // TEXAS-A-M-UNIV CATE SECONDARY-ED CURRICULUM-ENRICHMENT MATHEMATICS PHYSICS ENGLISH-LANGUAGE ELECTROWRITER VISUAL-AIDS LEASED-LINES SYLVANIA	4062C
*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
*** PHONE LECTURES LINK COMMUNITY HOSPITALS TO UNIVERSITY CENTERS // REGIONAL-MEDICAL-PROGRAM-FOR-WESTERN-NEW-YORK BUFFALO NEW-YORK STATE-UNIV-OF-NEW-YORK ROSWELL-PARK-MEMORIAL-INSTITUTE MEDICAL-ED CONTINUING-ED ENGLISH-LANGUAGE VISUAL-AIDS MAILED-MATERIALS COST LEASED-LINES	4720C
*** MEDIC, A COOPFRATIVE VENTURE IN CONTINUING MEDICAL EDUCATION // MARYLAND CONTINUING-ED MEDICAL-ED PARAMEDICAL-ED EVALUATION-ATTENDANCE-RECORD EVALUATION-SUBJECTIVE VISUAL-AIDS MAILED-MATERIALS COST TAPE-RECORD	4131C
*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
*** TEFLECTURE BRINGS FAMOUS DESIGNER TO TEXTILE AND CLOTHING STUDENTS // SOUTH-DAKOTA-STATE-UNIV HIGHER-ED COURSE-ENRICHMENT HOME-ECONOMICS PRE-PLANNING VISUAL-AIDS MAILED-MATERIALS TAPE-RECORD	0466C
*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
*** THE CLASSROOM COMES TO THE ENGINEER // ACE INDUSTRY-UNIVERSITY GRADUATE-ED CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC COST 2686-2690-MHZ	4644C
VOCATIONAL *** FEASIBILITY OF INCORPORATING TELELECTURE IN PRESENTING A TEACHING METHODS COURSE TO VOCATIONAL TEACHERS // INSERVICE-ED TEACHER-ED EVALUATION-CONTROL-GROUP EVALUATION-PRE-AND-POST-TESTING EVALUATION-OTIS-EMPLOYMENT-TEST COST	4504C

## TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 66

## PERMUTED INDEX

VOCATIONAL-ED	*** A SITUATION TEST OF TRAINING EFFECTIVENESS // VOCATIONAL-ED ADULT-ED MULTIMEDIA-INSTRUCTION EVALUATION	4014A
VOICE	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** UTILIZATION OF VOICE MEDIA	4964B
	*** VOICE PICTURE HOOKUPS CONNECT TWO COMPANIES // BOEING LOCKHEED VISUAL-AIDS LDX	4670C
	*** THE TECHNICAL ASPECTS OF VOICE TELEPHONE COMMUNICATIONS	4963B
VOICE-SWITCHING	*** GENERAL TRANSMISSION CONSIDERATIONS IN TELEPHONE CONFERENCE SYSTEMS // NOGAD NETWORKS NOISE ECHO SINGING VOICE-SWITCHING TOLL-TELEPHONE-CONFERENCING LOUDSPEAKER-CONFERENCE-SYSTEM AUTOVON	0598C
VOLUNTARY	*** USE OF TWO-WAY RADIO BY VOLUNTARY HEALTH ORGANIZATION FOR CONTINUING MEDICAL EDUCATION	0489C
WALWORTH	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
WASB	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
WASHINGTON-DC	*** PICTUREPHONE DEVELOPED FOR COMMERCIAL USE // NEW-YORK-CITY WASHINGTON-DC CHICAGO BELL-LABS	0462C
	*** PICTUREPHONE // NEW-YORK-CITY CHICAGO WASHINGTON-DC COST SPECTRUM-USE AT-T	0461C
	*** DEW-LINE FOR DRUGS // MEDIPHONE WASHINGTON-DC GEORGE-WASHINGTON-UNIV CURRENT-AWARENESS DIAL-ACCESS MEDICINE PHARMACEUTICALS	0434C
WATERLOO	*** HOMEBOUND-LESS // WATERLOO IOWA HOMEBOUND-CHILDREN PRIMARY-ED SECONDARY-ED VISUAL-AIDS FIELDTRIP	0566C
WATS	*** TEACHING AN EXTENSION COURSE BY TELE-LECTURE // ILLINOIS-UNIV GRADUATE-ED LIBRARY-SCIENCE VISUAL-AIDS MAILED-MATERIALS WATS	4115A
WAUSAU	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEE ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C

	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
WA3FXJ	*** GEORGETOWN'S INTERNATIONAL RADIO // GEORGETOWN-UNIV EMERGENCY-CONSULTATION MEDICAL-ED CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	4141C
	CROSS-CULTURAL-ED RADIO-AMATEUR WA3FXJ	
WEATHER-WARNINGS	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
WESTERN	*** PLANNING A SUPPLEMENTARY EDUCATIONAL CENTER AND FOR CONTINUING SERVICES WITH PILOT PROJECTS AND OPERATIONAL PROGRAMS FOR WESTERN SOUTH-DAKOTA // INSERVICE-ED EDUCATION-ADMINISTRATION LEARNING-CENTER PROGRAMED-INSTRUCTION	4128A
WESTERN-MICHIGAN-UNIV	*** VISUALS FOR TELELECTURE AND CAMPUS AUDIO NETWORKS // MISSOURI STEPHENS-COLLEGE MICHIGAN WESTERN-MICHIGAN-UNIV HIGHER-ED HISTORY-TELECONF VISUAL-AIDS ELECTROWRITER HOME-STUDY	0550C
WESTERN-STATES-SMALL-SCHOOLS-PROJECT	*** ART BY TELEPHONE, DESIGN AND EVALUATION // NEVADA UTAH OREGON IDAHO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS LEASED-LINES TITLE-III	4519A
	*** THE TELEPHONE METHOD OF TEACHING // COLORADO WESTERN-STATES-SMALL-SCHOOLS-PROJECT SECONDARY-ED CURRICULUM-ENRICHMENT AMERICAN-HISTORY EVALUATION-QUESTIONNAIRE COST MOUNTAIN-STATES-TELEPHONE-CO	4505A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA OREGON IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS	4023A
	*** SEMINAR BY AMPLIFIED TELEPHONE, A REPORT AND EVALUATION // WESTERN-STATES-SMALL-SCHOOLS-PROJECT NEVADA-UNIV INSERVICE-ED TEACHER-ED EVALUATION	4022A
	*** ART BY TELEPHONE // WESTERN-STATES-SMALL-SCHOOLS-PROJECT OREGON NEVADA IDAHO UTAH SECONDARY-ED CURRICULUM-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS SLOW-SCAN-TV EVALUATION-SUBJECTIVE TITLE-III	4715C
WESTERN-UNION-INTERNATIONAL	*** FUTURE REGULATORY POLICY ASPECTS OF THE TELEPHONE INDUSTRY // FCC PRESIDENTS-TASK-FORCE-ON-COMMUNICATION-POLICY BELL RCAC ITT-WORLDCOM WESTERN-UNION-INTERNATIONAL COMMON-CARRIERS COMPETITION SATELLITES-DOMESTIC OWNERSHIP COMSAT FOREIGN-ATTACHMENTS COAXIAL-CABLE	4669C
WEST-BEND	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIO-DIFFUSION-TELEVISION-FRANCAISE	0680C

WEST-GERMANY	*** TELECOMMUNICATIONS IN FL INSTRUCTION // SAN-DIEGO CALIFORNIA WEST-GERMANY INTERNATIONAL-TELECONF SECONDARY-ED COURSE-ENRICHMENT GERMAN-LANGUAGE VISUAL-AIDS	0452C
WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL	*** NEW TELEPHONE LEARNING TECHNIQUES // NEWFOUNDLAND-CITY NEW-JERSEY WEST-MILFORD-TOWNSHIP-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT NEW-JERSEY-BELL-TELEPHONE-CO	0445C
WEST-UNION	*** WEST-UNION, TELFLECTURES HELP SIX DISTRICTS CONFER // IOWA NORTHEAST-TELEWRITER-PROJECT INSERVICE-ED TEACHER-ED ELECTROWRITER COST TITLE-I	0572C
WEST-VIRGINIA	*** OHIO MEDICAL EDUCATION NETWORK 1969-1970 // OMEN OHIO-STATE-UNIV KENTUCKY WEST-VIRGINIA CONTINUING-ED MEDICAL-ED FM-RADIO TV	4047C
	*** HEAD-START TELELECTURE PROJECT. A FEASIBILITY STUDY TO ASSESS THE POTENTIAL OF TELELECTURE AS A MEDIUM FOR IN-SERVICE TEACHER TRAINING IN APPALACHIA // WEST-VIRGINIA EDUCATION-INC EVALUATION BIBLIOGRAPHY	4015A

# TELECONFERENCING, AN ANNOTATED BIBLIOGRAPHY

PAGE 67

## PERMUTED INDEX

WEST-VIRGINIA	*** TELELECTURE, APPALACHIA'S IN-SERVICE CLASSROOM OF THE AIR // TENNESSEE OHIO WEST-VIRGINIA KENTUCKY VIRGINIA INSERVICE-ED TEACHER-ED HEAD-START APPALACHIA-EDUCATIONAL-LAB EDUCATION-INC	0569C
	*** MEDICAL EDUCATION NETWORK // OMEN OHIO PENNSYLVANIA KENTUCKY WEST-VIRGINIA REGIONAL-MEDICAL-NETWORKS CONTINUING-ED FM-RADIO TV CATV	4135C
WEST-VIRGINIA-UNIV	*** A STUDY OF TEACHING UNIVERSITY EXTENSION CLASSES BY TELE-LECTURE // WEST-VIRGINIA-UNIV HIGHER-ED MATHEMATICS ENGINEERING PROBLEM-SOLVING ELECTROWRITER VISUAL-AIDS EVALUATION-T-TEST EVALUATION-F-RATIO EVALUATION-MANN-WHITNEY-U-TEST EVALUATION-QUESTIONNAIRE EVALUATION-CONTROL-GROUP	4716C
WHA-FM	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
WHA-RADIO	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C



WHA-TV	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
WISCONSIN	*** HELLO GREAT AMERICAN // WALWORTH WISCONSIN BIG-FOOT-HIGH-SCHOOL SECONDARY-ED COURSE-ENRICHMENT VISUAL-AIDS MAILED-MATERIALS	0464C
	*** EVALUATION INFERENCE APPLIED TO PROGRAMMING ON AN EDUCATIONAL TELEPHONE NETWORK - A BEGINNING // WISCONSIN EXTENSION-UW ETN EVALUATION-FORMAL	4500C
	*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
	*** FIRST INTERCONTINENTAL TV CLASSROOM // INTERNATIONAL-TELECONF WEST-BEND WISCONSIN PARIS FRANCE SECONDARY-ED CROSS-CULTURAL-EXCHANGE FRENCH-LANGUAGE TV SATELLITE EARLY-BIRD COST WHA-TV RADIODIFFUSION-TELEVISION-FRANCAISE	0680C
	*** EXPERIMENTAL VOICE COMMUNICATIONS FROM MEDICAL BASE STATION IN NICARAGUA TO THE UNIVERSITY OF WISCONSIN, SCHOOL OF MEDICINE IN MADISON	4922B
	*** INDIVIDUALIZATION OF THE INSERVICE PROGRAM FOR PROFESSIONAL STAFF // WAUSAU WISCONSIN TEACHER-ED EDUCATION-ADMINISTRATION ELECTROWRITER	4011A
	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE.	0552C
	*** WISCONSIN TELEPHONE HOOK-UP, STATEWIDE TELEPHONE CONFERENCES // WISCONSIN WASB EDUCATION-ADMINISTRATION EXTENSION-UW ROLL-CALL EVALUATION-SUBJECTIVE	0552C
	*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C
WISCONSIN-REGIONAL-MEDICAL-PROGRAM	*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
WISCONSIN-STATE-UNIV	*** THE INDIVIDUALIZATION OF THE IN-SERVICE PROGRAM FOR PROFESSIONAL STAFF // ANTIGO MOSINEF ROTHSCHILD-SCHOFIELD WAUSAU STEVENS-POINT WISCONSIN-STATE-UNIV TEACHER-ED EVALUATION-QUESTIONNAIRE EVALUATION-ATTENDANCE-RECORD ELECTROWRITER TITLE-III	4002C
WISCONSIN-UNIV	*** PRELIMINARY REPORT ON THE SURVEY CARRIED OUT FOR EVALUATING THE ELECTRO-WRITER COURSE (EWC) OFFERED BY THE UW EXTENSION DEPARTMENT OF ENGINEERING // WISCONSIN-UNIV CONTINUING-ED INDUSTRY-UNIVERSITY EVALUATION ETN-SCA ELECTROWRITER	4701C
	*** SCA - A NEW MEDIUM // ETN-SCA SCA-REGULATION FM-RADIO WHA-RADIO WISCONSIN-UNIV EXTENSION-UW	4987C

*** DEFINITIVE DIALING - NURSING DIAL-ACCESS // WISCONSIN-UNIV EXTENSION-UW CONTINUING-ED DIAL-ACCESS-LIBRARY EVALUATION-QUESTIONNAIRE COST WISCONSIN-REGIONAL-MEDICAL-PROGRAM	4512C
*** WISCONSIN IDEA JOINS THE PARTY-LINE // WISCONSIN-UNIV EXTENSION-UW ETN-SCA MULTIPLEXING WHA-FM FM-RADIO SCA-REGULATION FCC PROGRAMING	4941C
*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST ETN-SCA	4711C
*** PROGRAM EVALUATION CHECKLIST (PEC) // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST EVALUATION-QUESTIONNAIRE ETN-SCA	4712C
*** ETN-SCA EVALUATION // WISCONSIN-UNIV EXTENSION-UW EVALUATION-CHECKLIST PEC	4710C
*** ADULT EDUCATION BY MEANS OF TELEPHONE // WISCONSIN-UNIV EXTENSION-UW GRADUATE-ED CONTINUING-ED HOME-ECONOMICS EVALUATION-CONTROL-GROUP ETN ARTICULATED-INSTRUCTION	4507C
*** PARTY-LINE FOR NURSES // WISCONSIN-UNIV EXTENSION-UW INSERVICE-ED CONTINUING-ED EVALUATION-QUESTIONNAIRE VISUAL-AIDS ETN-SCA FM-RADIO	4133C
*** ETN-SCA PROGRAM HANDBOOK // WISCONSIN-UNIV EXTENSION-UW PROGRAMING PRESENTATION-SKILLS VISUAL-AIDS MODERATOR EVALUATION-CHECKLIST	4709C
*** THE DEVELOPMENT AND UTILIZATIONS OF SUBSIDIARY COMMUNICATIONS AUTHORIZATION // WISCONSIN-UNIV EXTENSION-UW SCA MULTIPLEXING FM-RADIO WHA-FM INSERVICE-ED MUSICASTING MEDICAL-RADIO-SYSTEM SIGHT-RADIO WEATHER-WARNINGS TEXAS KQUE-FM FCC HOME-STUDY	4708C
*** TEL-LECTURE // WISCONSIN-UNIV LACROSSE-STATE-COLLEGE EXTENSION-UW HIGHER-ED CURRICULUM-ENRICHMENT PRESENTATION-SKILLS VISUAL-AIDS PRE-PLANNING PUBLICITY COST EVALUATION-QUESTIONNAIRE LACROSSE-TELEPHONE-CO	0544C
*** TELELECTURES FOR PHYSICIANS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED RADIO LEASED-LINES VISUAL-AIDS EVALUATION-PRE-AND-POST-TESTING EVALUATION-DELAYED-POST-TESTING	0554C
*** THE UNIVERSITY OF WISCONSIN 1971-1972 TELEPHONE RADIO CONFERENCES FOR PHYSICIANS, NURSES, PHARMACISTS AND ALLIED HEALTH PERSONNEL // WISCONSIN-UNIV POSTGRADUATE-ED MEDICAL-ED PARAMEDICAL-ED ETN-SCA PROGRAM-LISTING COST	4707C

WISCONSIN-UNIV-STEVENS-POINT	*** INNOVATIONS BOLSTER IN-SERVICE PROGRAMS // ANTIGO MERRILL ROTHSCHILD-SCHOFFELD WAUSAU STEVENS-POINT WISCONSIN-UNIV-STEVENS-POINT TEACHER-ED TEACHER-AID-ED INSERVICE-ED EVALUATION-QUESTIONNAIRE ELECTROWRITER TITLE-III	0442C
WOLLONGONG	*** THE MEDICAL SCHOOL OF THE AIR // SYDNEY WOLLONGONG AUSTRALIA NEW-SOUTH-WALES-UNIV SYDNEY-UNIV POSTGRADUATE-ED MEDICAL-ED INTERUNIVERSITY-COOPERATION RADIO-UNIVERSITY LAND-LINE-SYSTEM MAILED-MATERIALS TAPE-RECORDING-SERVICE	0589C
WORKING	*** TELECONFERENCING, LITERATURE REVIEW, FIELD STUDIES, AND WORKING PAPERS	0483C
WORKSHOPS	*** SIX WORKSHOPS RECEIVE KEY PRESENTATIONS VIA TELELECTURE	0463
WOSU-FM	*** RADIO TELEPHONE NETWORKS USED FOR IN-SERVICE INSTRUCTION // OHIO-STATE-COLLEGE-OF-ED INSERVICE-ED EDUCATION-ADMINISTRATION FM-RADIO WOSU-FM	4111A
WRIGHT-PATTERSON-GRADUATE-CENTER	*** OFF-CAMPUS GRADUATE CENTER GETS AUDIO VIDEO LINK // COLUMBUS DAYTON OHIO-STATE-UNIV WRIGHT-PATTERSON-GRADUATE-CENTER GRADUATE-ED TV	4114A
WYOMING	*** AUDIOVISUALS ENRICH ISOLATED SCHOOLS // CARBON-COUNTY WYOMING CCCIC LEARNING-CENTER MULTIMEDIA-LIBRARY COURSE-ENRICHMENT REGIONAL-COOPERATION ELECTROWRITER VERB	0568C
	*** CARBON-COUNTY COORDINATED INSTRUCTION CENTER // WYOMING CCCIC REGIONAL-CENTER LEARNING-CENTER PRIMARY-ED SECONDARY-ED TEAM-TEACHING CURRICULUM-ENRICHMENT EXTENSION TEACHER-ED ELECTROWRITER AUDIOVISUAL-LIBRARY	4129A
	*** FRENCH IS TAUGHT OVER VERB // SARATOGA HANNA ENCAMPMENT SINCLAIR WYOMING CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER TITLE-III INSTRUCTIONAL-MATERIALS-CENTER	4696C
	*** INTERMOUNTAIN REGIONAL MEDICAL PROGRAM // IRMP UTAH IDAHO COLORADO NEVADA WYOMING MONTANA CONTINUING-ED MEDICAL-ED LEARNING-CENTER LIBRARY-ACCESS RADIO CCTV TV COMPUTER REMOTE-PATIENT-MONITORING	4910C
	*** HEARTLINE LINKS THE GP TO SPECIALIST // OMAHA NEBRASKA CREIGHTON-UNIV REMOTE-DIAGNOSIS EKG IOWA MISSOURI WYOMING SOUTH-DAKOTA DATAPHONE	4721C
WYOMING-UNIV	*** CHEMISTRY COURSE // SARATOGA RAWLINS HANNA BAGGS ENCAMPMENT MEDICINE-BOW CHEYENNE LARAMIE WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED GRADUATE-ED ELECTROWRITER	4697C
	*** PILOT STUDY // WYOMING-UNIV CCCIC INSERVICE-ED TEACHER-ED CONSERVATION ELECTROWRITER	4699C
	*** ART-HISTORY MAKES HISTORY // WYOMING-UNIV CCCIC SECONDARY-ED CURRICULUM-ENRICHMENT ELECTROWRITER	4698C
	*** TEACHERS EARN GRADUATE CREDIT VIA VERB // WYOMING-UNIV CCCIC TEACHER-ED GRADUATE-ED PROBLEM-SOLVING VISUAL-AIDS ELECTROWRITER	4700C
XEROX	*** XEROX OFFERS FACSIMILES BY PHONE // TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO LOX COAXIAL-CABLE	0580C
	*** FACSIMILE BY PHONE OFFERED BY XEROX // TELECOPIER MAGNAVOX-CO COST	0437C

XEROX-MAGNAFAX-TELECOPIER *** FACSIMILE TRANSMISSION IN LIBRARIES, A STATE-OF-THE-ART SURVEY	// TELECOPIER	4018A
XEROX-MAGNAFAX-TELECOPIER LDX BIBLIOGRAPHY		
*** XEROX OFFERS FACSIMILES BY PHONE	// TELECOPIER XEROX-MAGNAFAX-TELECOPIER MAGNAVOX-CO	0580C
LDX COAXIAL-CABLE		
X-RAY	*** EXPERIENCES WITH TWO-WAY TELEVISION IN A TEACHING HOSPITAL COMPLEX	// VERMONT-UNIV
	KANSAS-UNIV REMOTE-PATIENT-MONITORING X-RAY EEG EKG-VIA-SATELLITE	0512C
	FLUOROSCOPIC-TRANSMISSION SATELLITE COAXIAL-CABLE COST	
YALE	*** TWO-WAY RADIO CONFERENCES FOR POSTGRADUATE MEDICAL EDUCATION, FOUR YEARS OF EXPERIENCE WITH A NEW METHOD OF PRESENTATION	4051C
	// ALBANY NEW-YORK BOSTON MASSACHUSETTS BURLINGTON VERMONT	
	NEW-HAVEN CONNECTICUT HARVARD YALE ALBANY-MEDICAL-COLLEGE TUFTS	
	VERMONT-COLLEGE-OF-MEDICINE CONTINUING-ED MEDICAL-ED RADIO VISUAL-AIDS COST	
YELLOW-SPRINGS-HIGH-SCHOOL *** CLASSROOM PARTY-LINE	// OHIO YELLOW-SPRINGS-HIGH-SCHOOL SECONDARY-ED	0424C
COURSE-ENRICHMENT AMERICAN-INSTITUTIONS COST		
2686-2690-MHZ	*** THE CLASSROOM COMES TO THE ENGINEER	4644C
	// ACE INDUSTRY-UNIVERSITY GRADUATE-ED	
	CONTINUING-ED ITFS FM-RADIO VISUAL-AIDS VIDEOTAPE ELECTROWRITER CATV SATELLITE-DOMESTIC	
	COST 2686-2690-MHZ	
	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK	4646C
	// CALIFORNIA INDUSTRY-UNIVERSITY	
	GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE	
	HOME-STUDY ACE COST FCC	
4-MHZ	*** THE STANFORD INSTRUCTIONAL TELEVISION NETWORK	4646C
	// CALIFORNIA INDUSTRY-UNIVERSITY	
	GRADUATE-ED CONTINUING-ED ENGINEERING ITFS 2686-2690-MHZ FM-RADIO 4-MHZ CCTV VIDEOTAPE	
	HOME-STUDY ACE COST FCC	
4030-MULTIPLE-DATA-SET *** TEACHING BY TELEPHONE	// NEW-YORK-CITY ILLINOIS PRIMARY-ED SECONDARY-ED	4628C
MATHEMATICS DIAL-ACCESS CAI COMPUTER-TELEPHONE-LINK 4030-MULTIPLE-DATA-SET HOME-STUDY		

TAPE MARK 1